Catalog Number 58

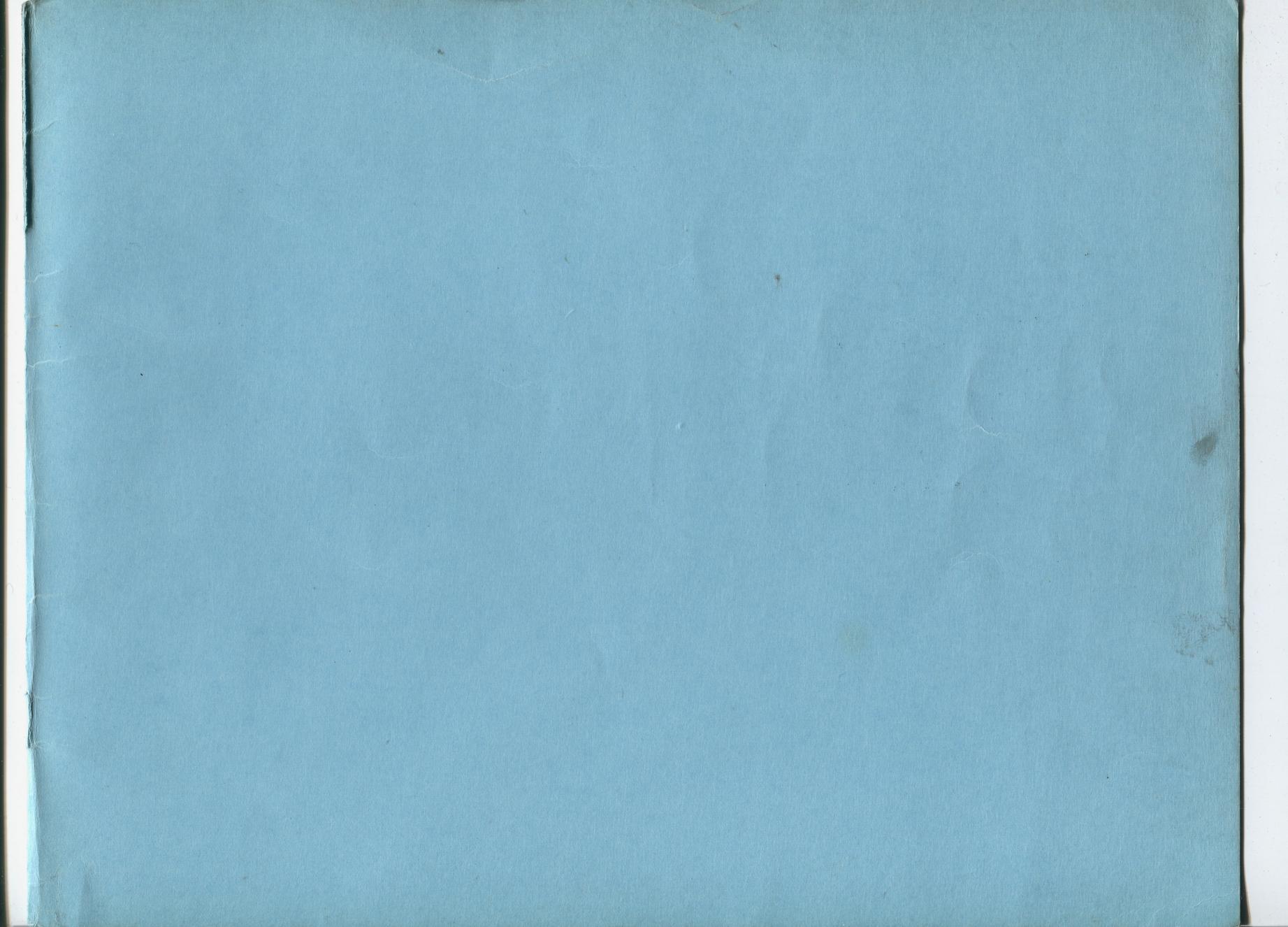
PARTS CATALOG

Hydraquadder

· LINOTYPE ·

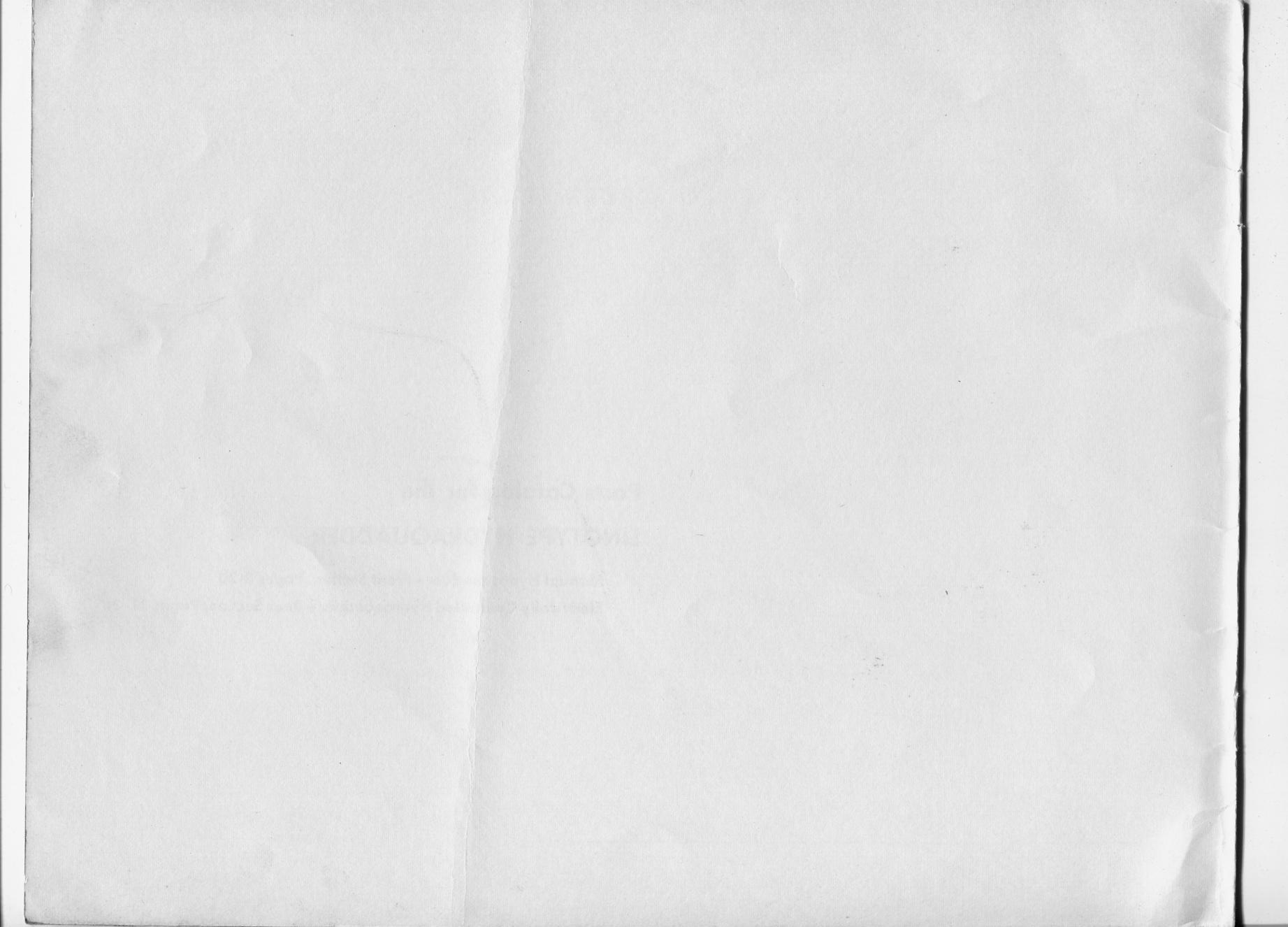
MERGENTHALER LINOTYPE COMPANY

LEADERSHIP THROUGH RESEARCH



# Parts Catalog for the LINOTYPE HYDRAQUADDER

Manual Hydraquadder—Front Section, Pages 2-20
Electrically Controlled Hydraquadder—Rear Section, Pages 21-38



## GENERAL INFORMATION

This Catalog is for use in ordering replacement parts for the Linotype Hydraquadder. The parts are shown as assemblies in most instances with individual parts being "exploded" out of the assembly for easy identification.

In addition to being identified by part number, each part is named and the quantity used in the particular assembly is indicated by the digit following the name, if more than one of the part is used.

The index lists each part by number, name, and the page or pages on which the part is shown.

The heading at the top of each page identifies the general assembly in which the parts shown on the page are included.

#### INSTRUCTIONS FOR ORDERING

- 1. Always use Linotype Company standard order forms which are supplied free of charge on request.
- 2. State plainly the letter, number and full name of the part desired. Give company name and address in full.
- 3. Always give the model and serial number of the Linotype for which the parts are required. The model and serial number appear on the patent plate of the ma-

chine. The Hydraquadder also has a serial number stamped on the face of the cylinder housing and this number should be specified.

- 4. When ordering an electrical part always specify the electrical characteristics of the power source on which it operates.
- 5. If unable to locate a part in the catalog please make a rough sketch of what is wanted, stating where it is used, and its function.
- 6. Give Shipping Instructions: Freight, Express, Parcel Post or Air Service. If Freight, state preferred route of shipment. If no shipping instructions are indicated, our Traffic Department will determine the best and most economical manner of shipment.
- 7. Special and careful attention is given to the inspection, packing and shipping of all parts and supplies. Goods sent by parcel post, valued at \$1.00 or more, will be insured at our expense.
- 8. Parts and supplies furnished in accordance with written orders are not returnable for credit. If for any reason it is necessary to return goods, they should be insured if sent by Parcel Post. The Linotype Company

should be advised as to the reason for the return and the Linotype order number on which the part was supplied.

Careful preparation of your order will facilitate shipment.

#### DAMAGE OR LOSS IN TRANSIT

When express or freight shipments are delivered by us to the transportation company, our responsibility ceases. However, we offer you every assistance in tracing and recovering lost goods and collecting just claims. Such claims are not to be deducted from our invoice and payment should not be withheld awaiting adjustment of such claim, as the transportation company is responsible to the consignee for safe delivery.

#### **Damage or Loss:**

If shipment is not delivered to you in good order and in accordance with quantity shown on bill-of-lading, have the shortage or damage noted by carrier's agent on receipt or freight bill.

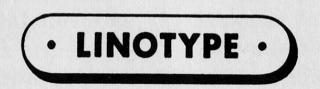
If you accept shipment from transportation company short of what is enumerated on bill-of-lading, or damaged, without having proper notations made by the carrier's agent, you do so at your own risk.

#### **Damage Discovered While Unpacking:**

If any damage is discovered when unpacking, leave the shipment in the exact condition in which it was received until the carrier's agent examines the shipment and makes a notation, on your freight bill, of concealed damage.

#### **File Claims Promptly:**

The transportation company will not consider claims unless presented within four months from date of shipment of goods.

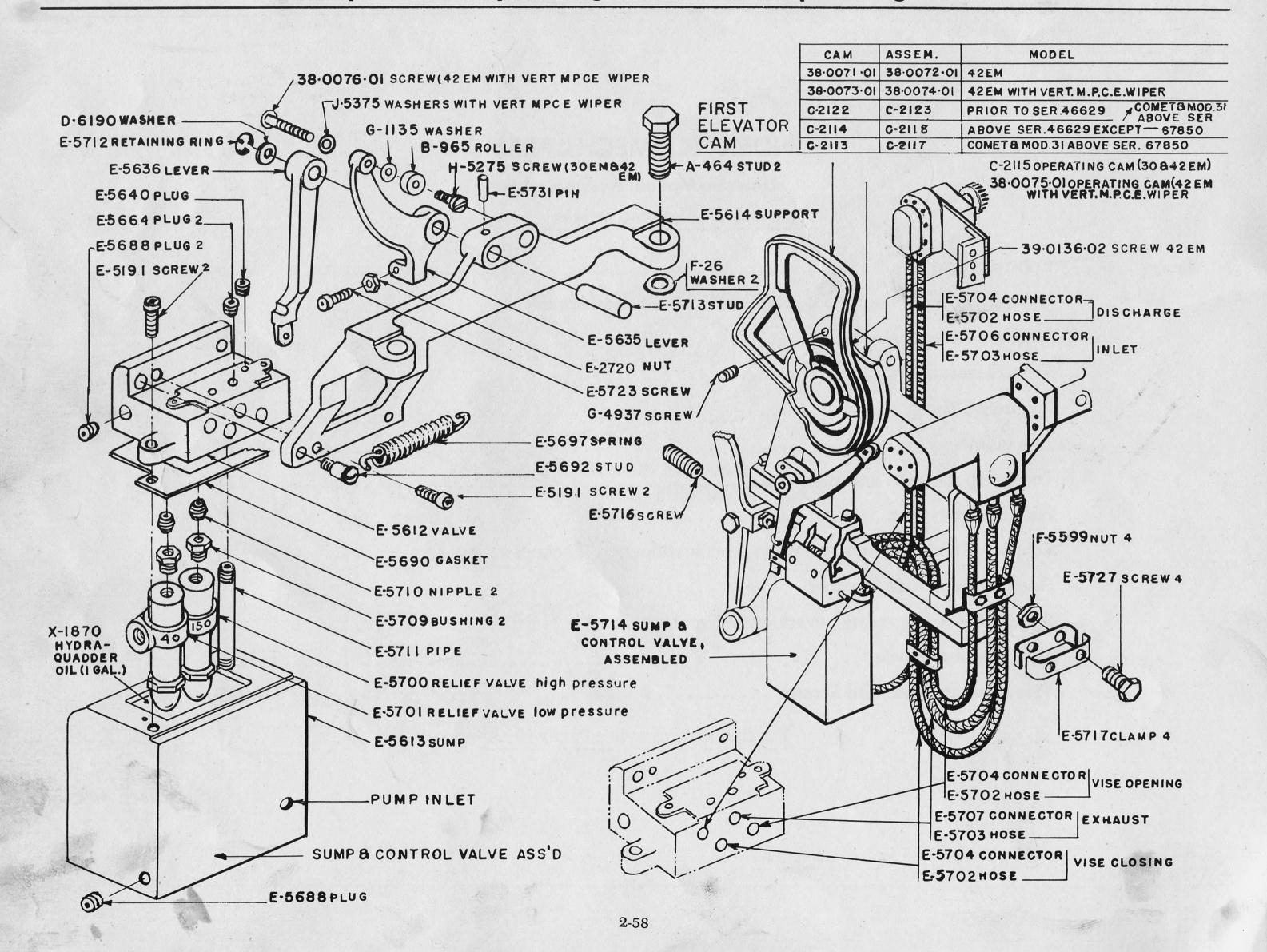


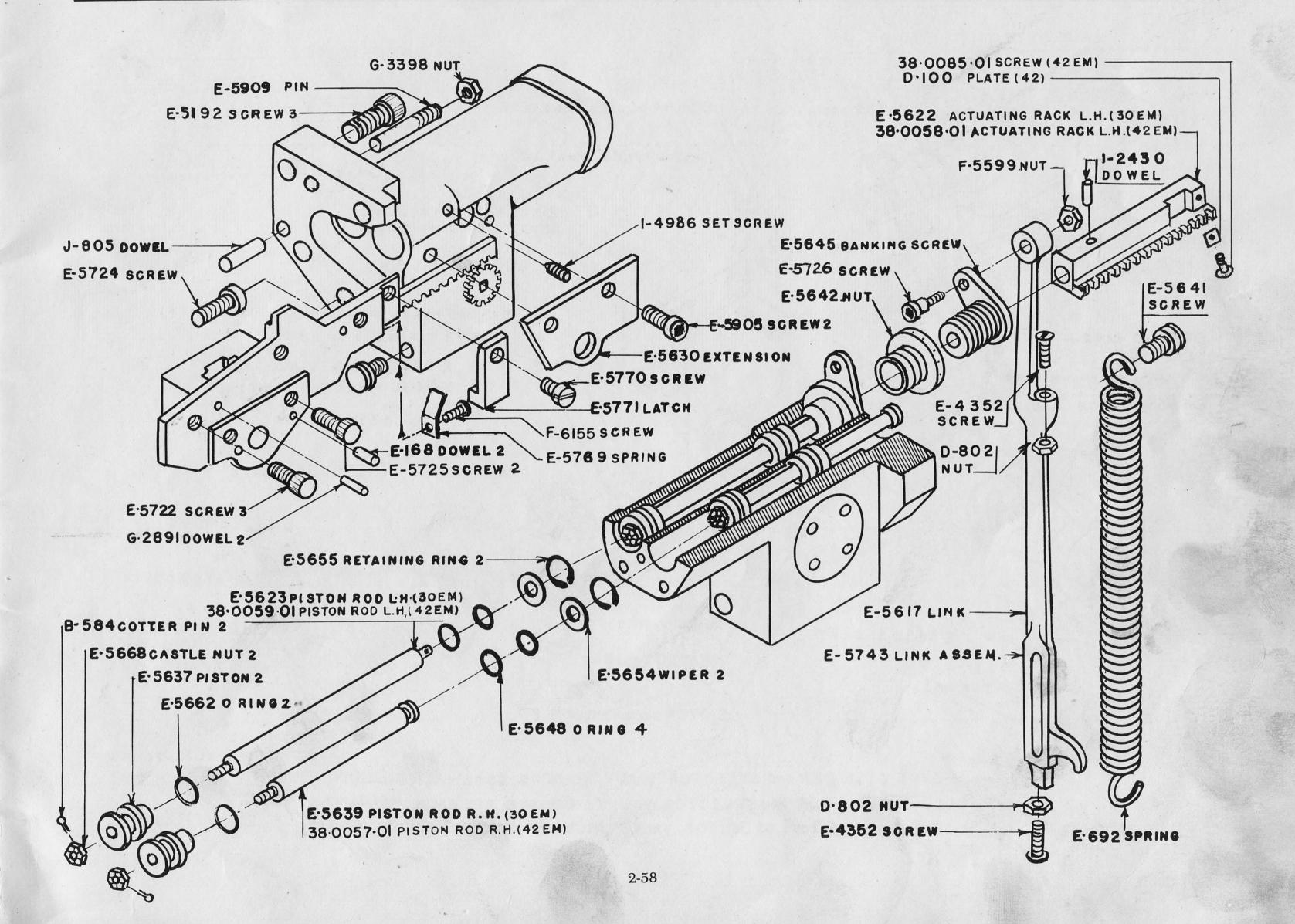
Mergenthaler Linotype Company, 29 Ryerson Street, Brooklyn 5, N. Y.

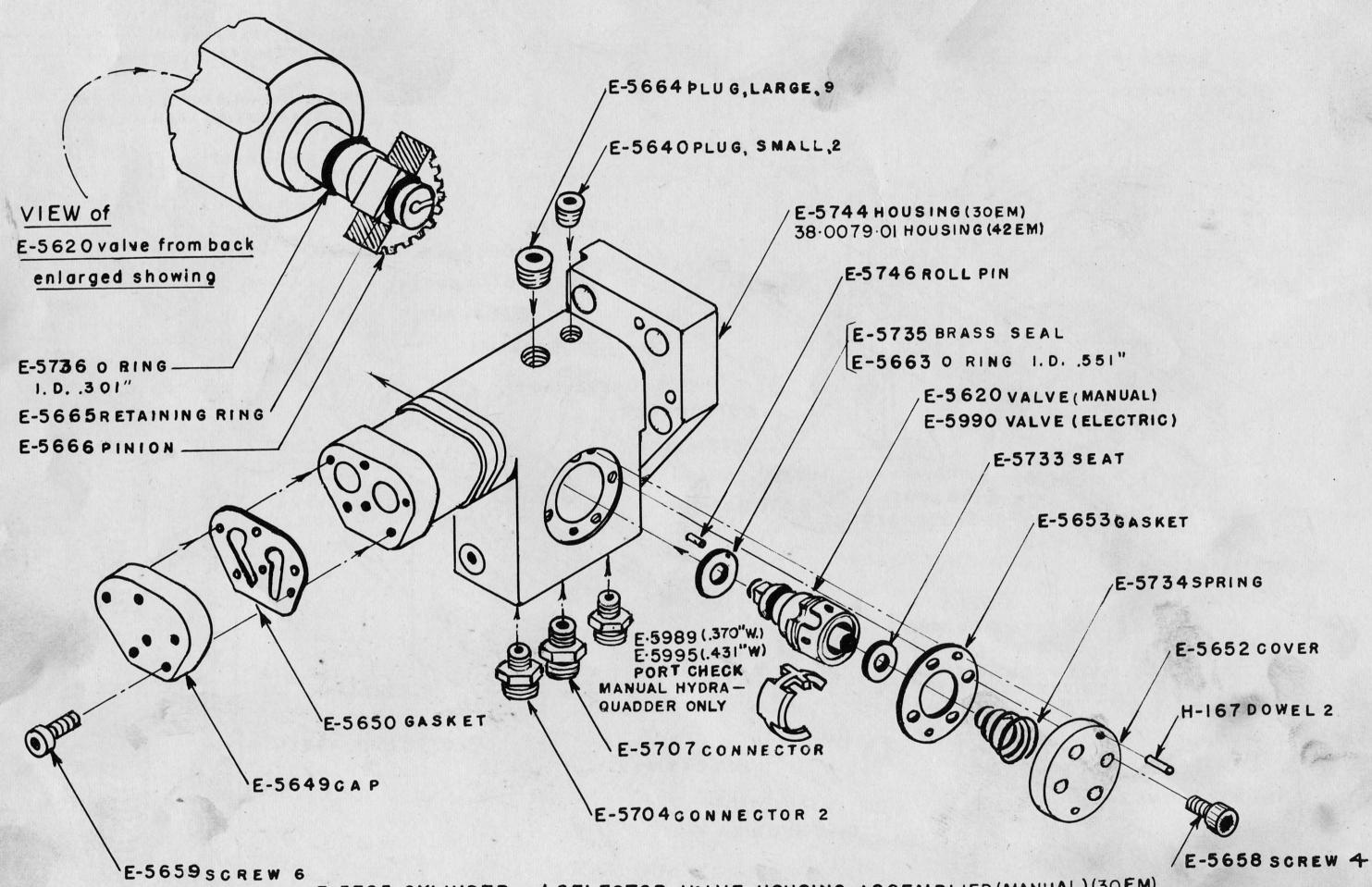
## INDEX TO MECHANISMS

## Linotype Manual Hydraquadder

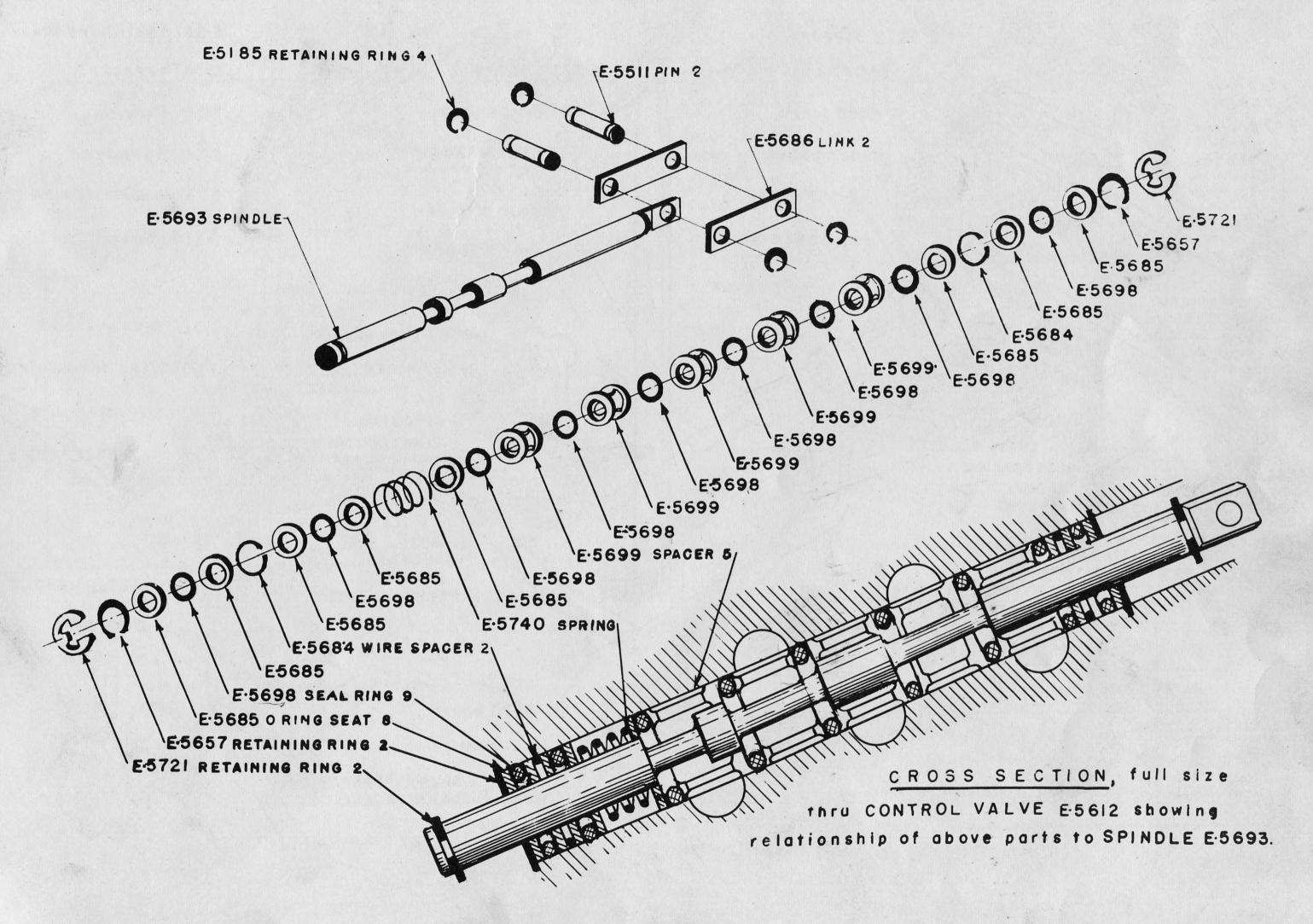
	Page
Control Valve	5
Cylinder Piston, Piston Rods, and L. H. Vise Jaw Adjustment	3
Delivery Slide	9
First Elevator Jaw	14, 15
Hydraulic Pump	10
Miscellaneous Parts	16, 17
Pot Pump Solenoid and Bracket	11
Power Supply Box	12
Selector Handle, Centering Pinion, and Justification Blockout	6
Selector Valve and Housing	4
Sump, Hoses, Operating Levers, and Operating Cam	2
Vise Jaw and Blocks	7, 8
Vise Locking Studs and Screws	13

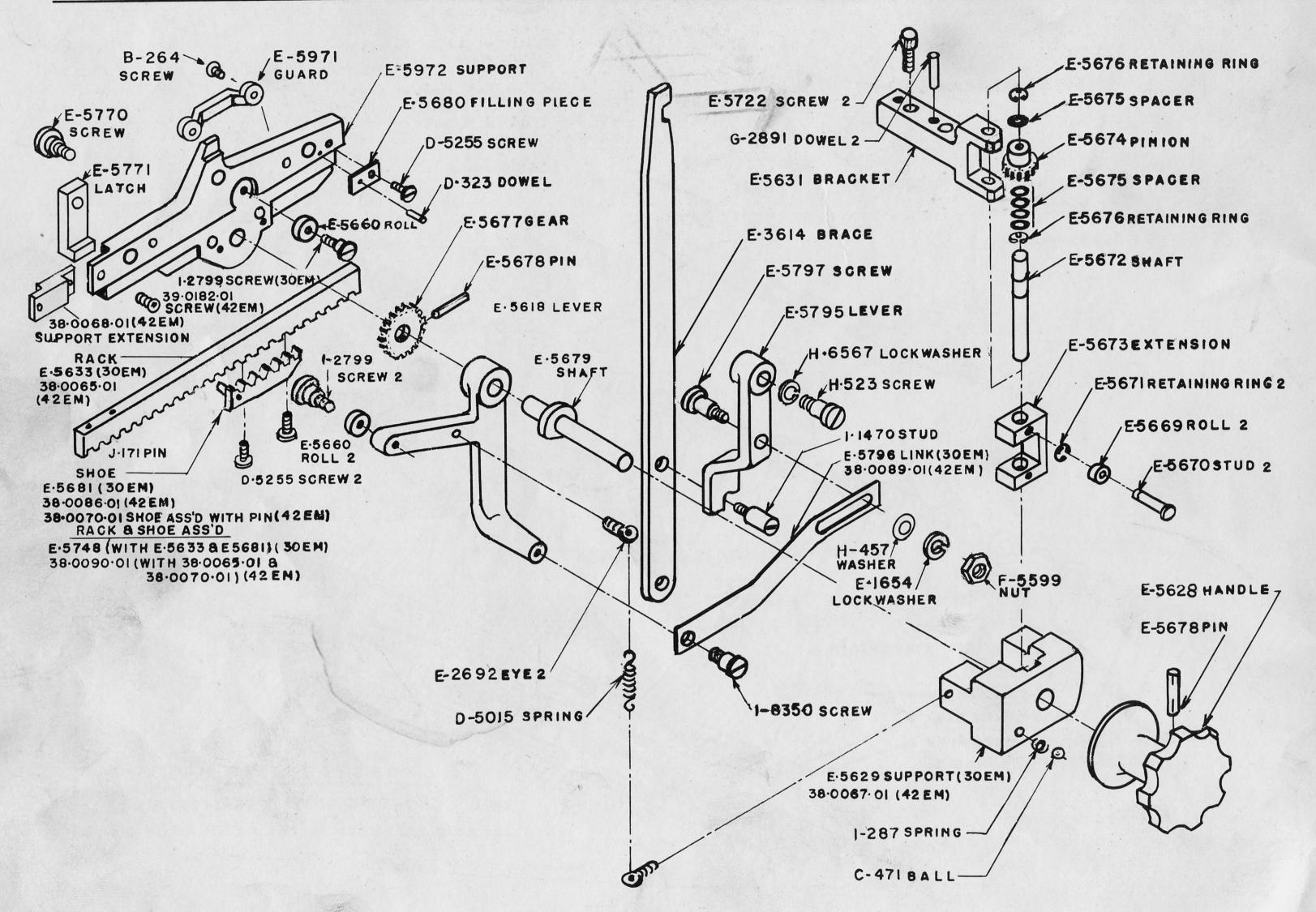


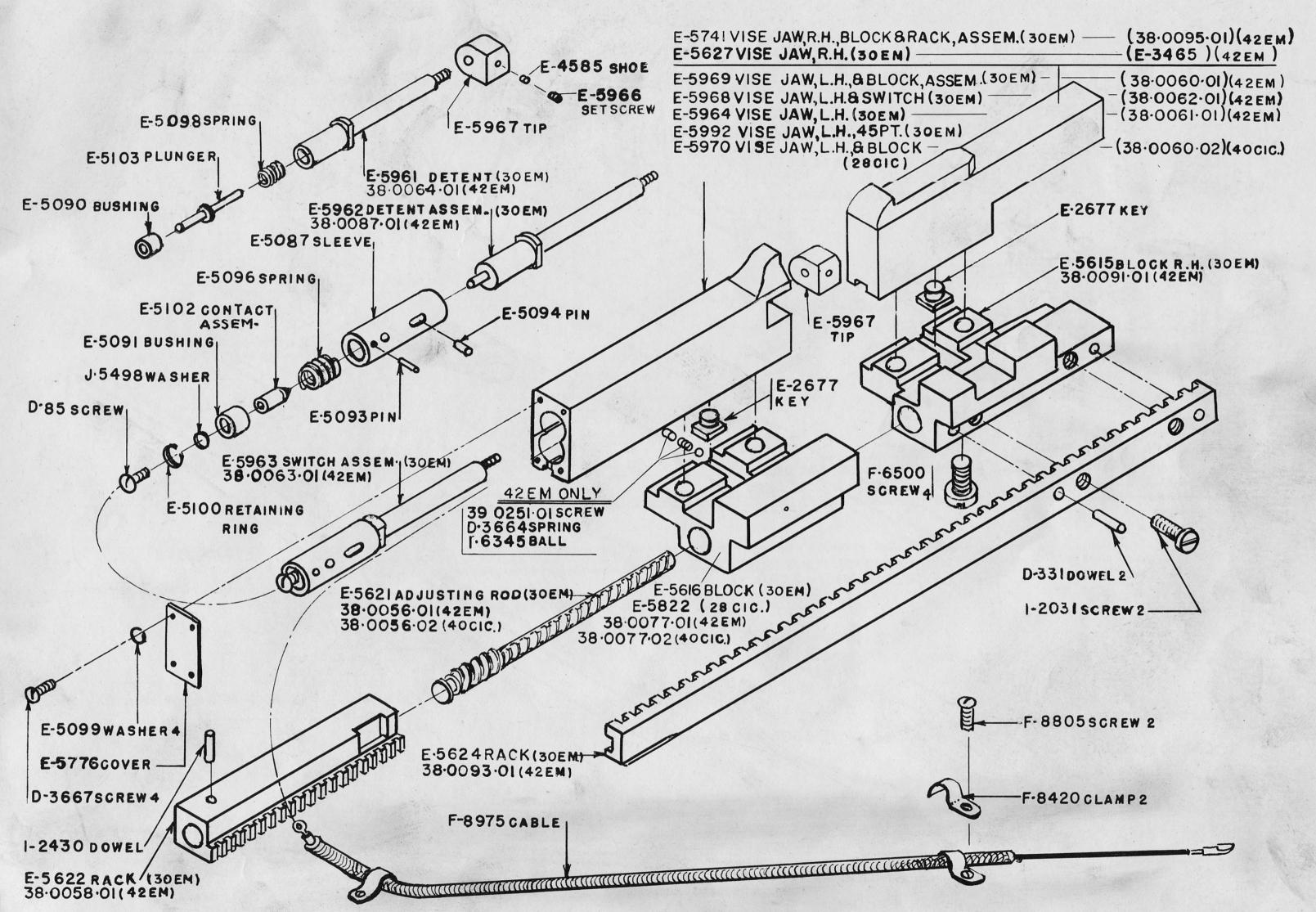


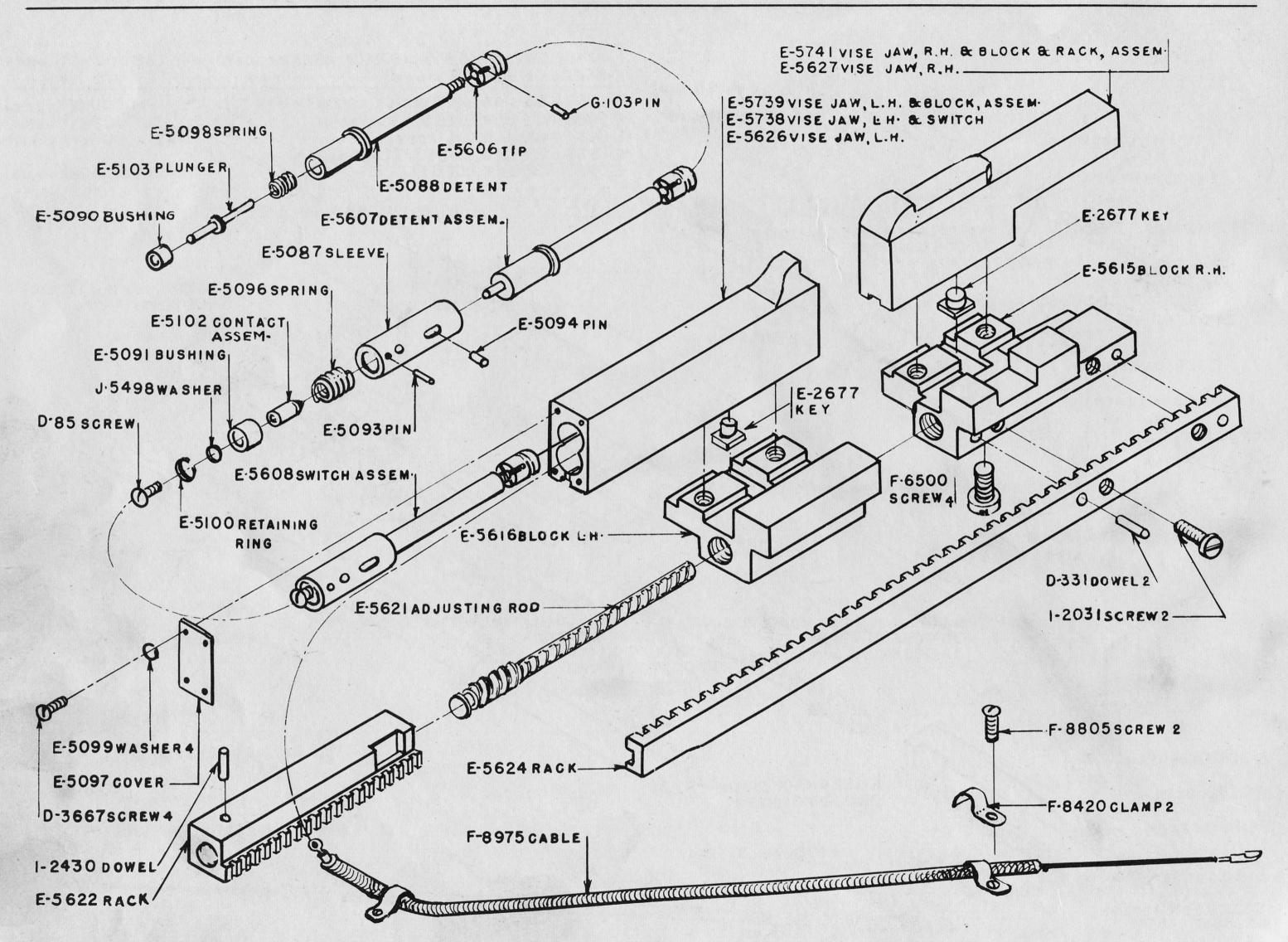


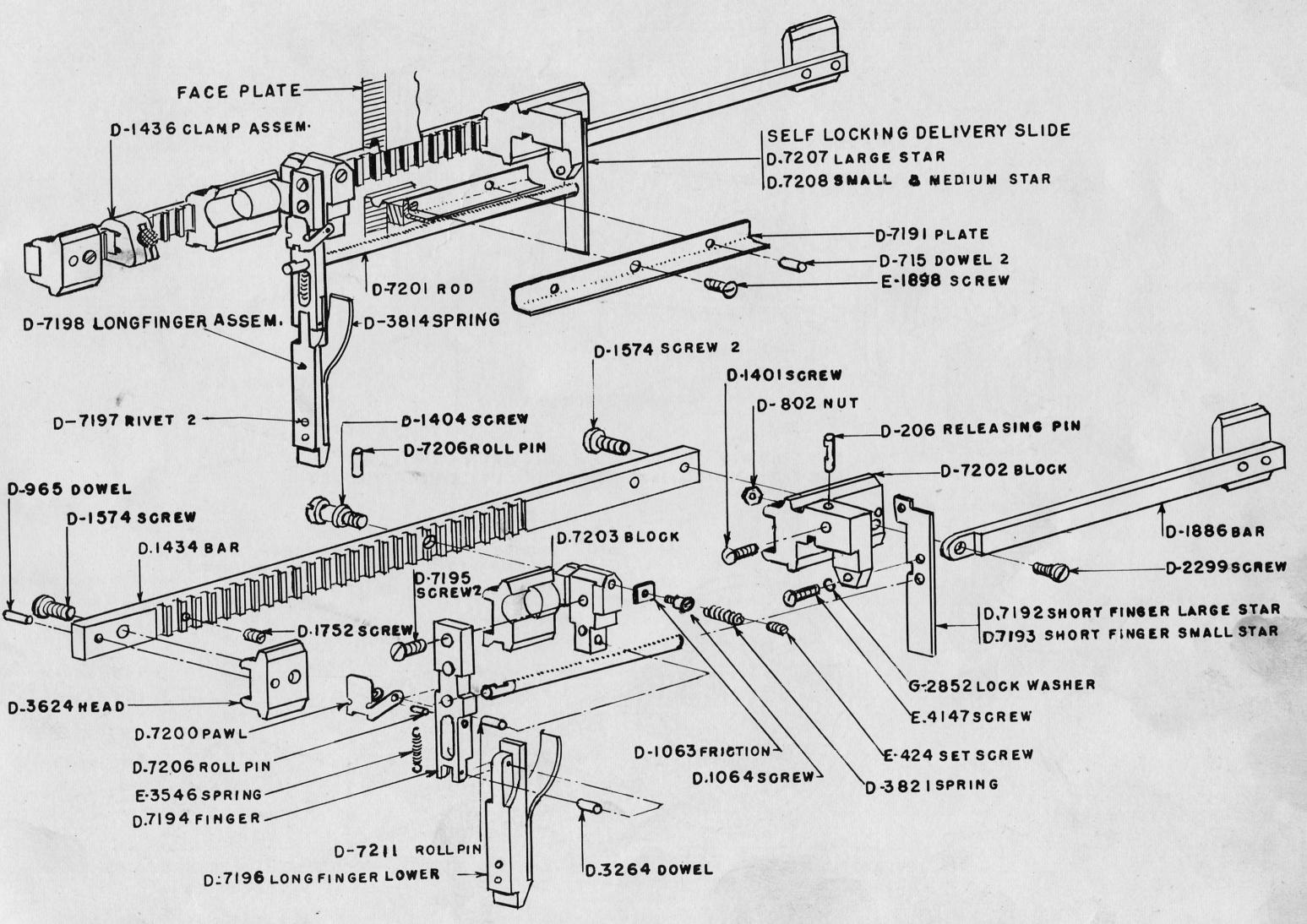
E-5765 CYLINDER and SELECTOR VALVE HOUSING, ASSEMBLIED (MANUAL) (30EM)
38.0080.01 CYLINDER and SELECTOR VALVE HOUSING, ASSEMBLIED (MANUAL) (42EM)
E-5991 CYLINDER and SELECTOR VALVE HOUSING, ASSEMBLIED (ELECTRIC) (30EM)

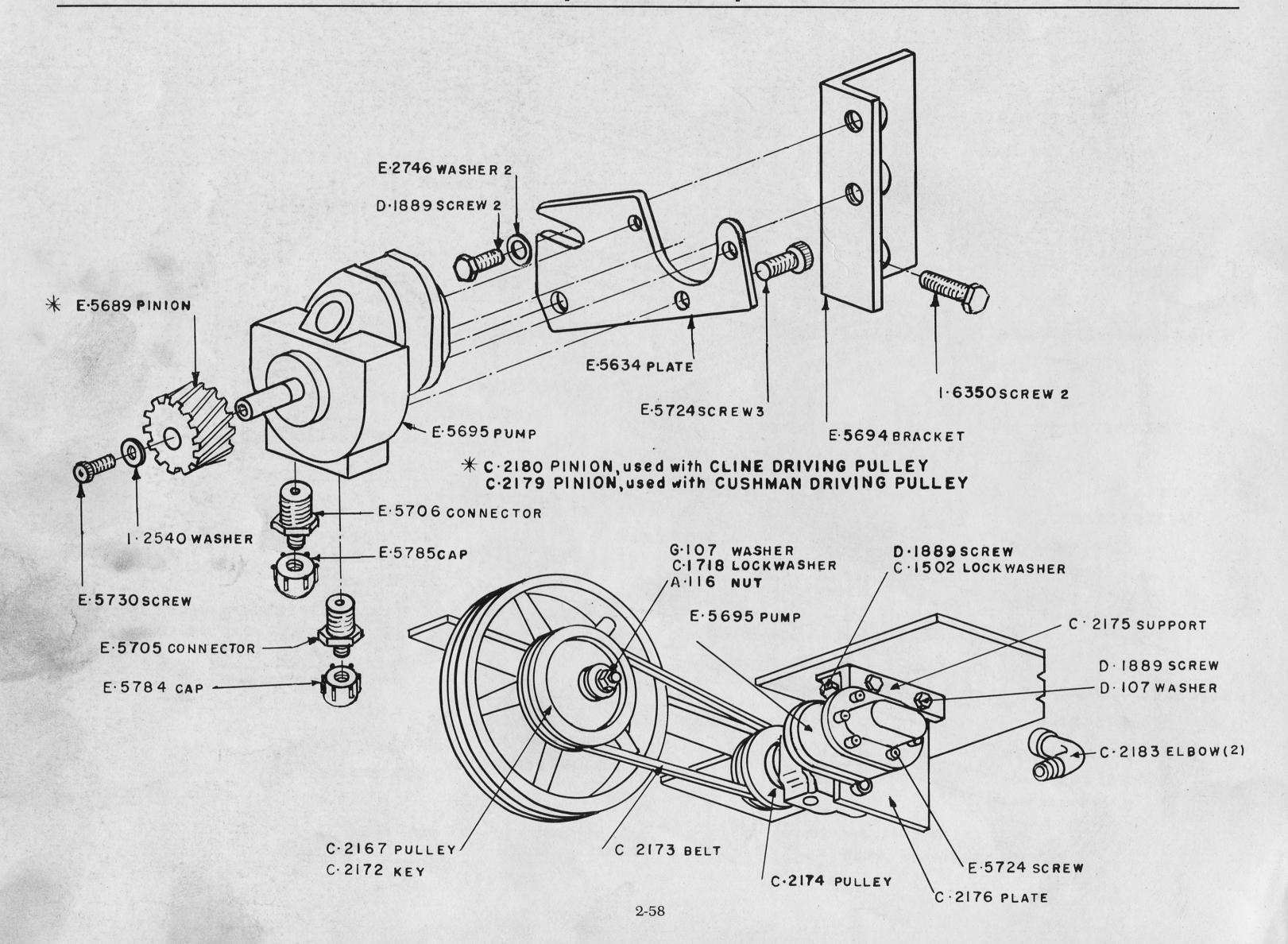


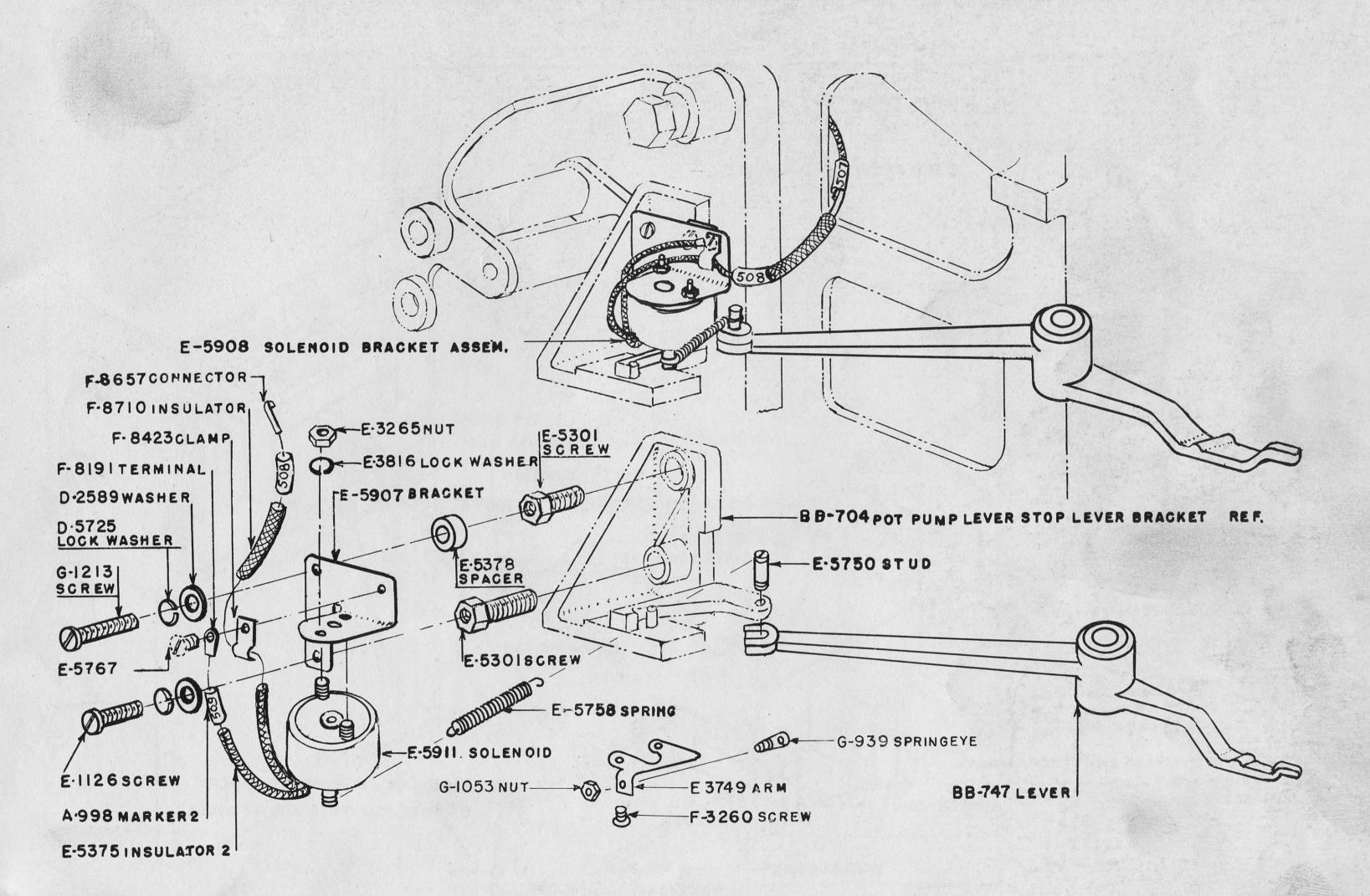


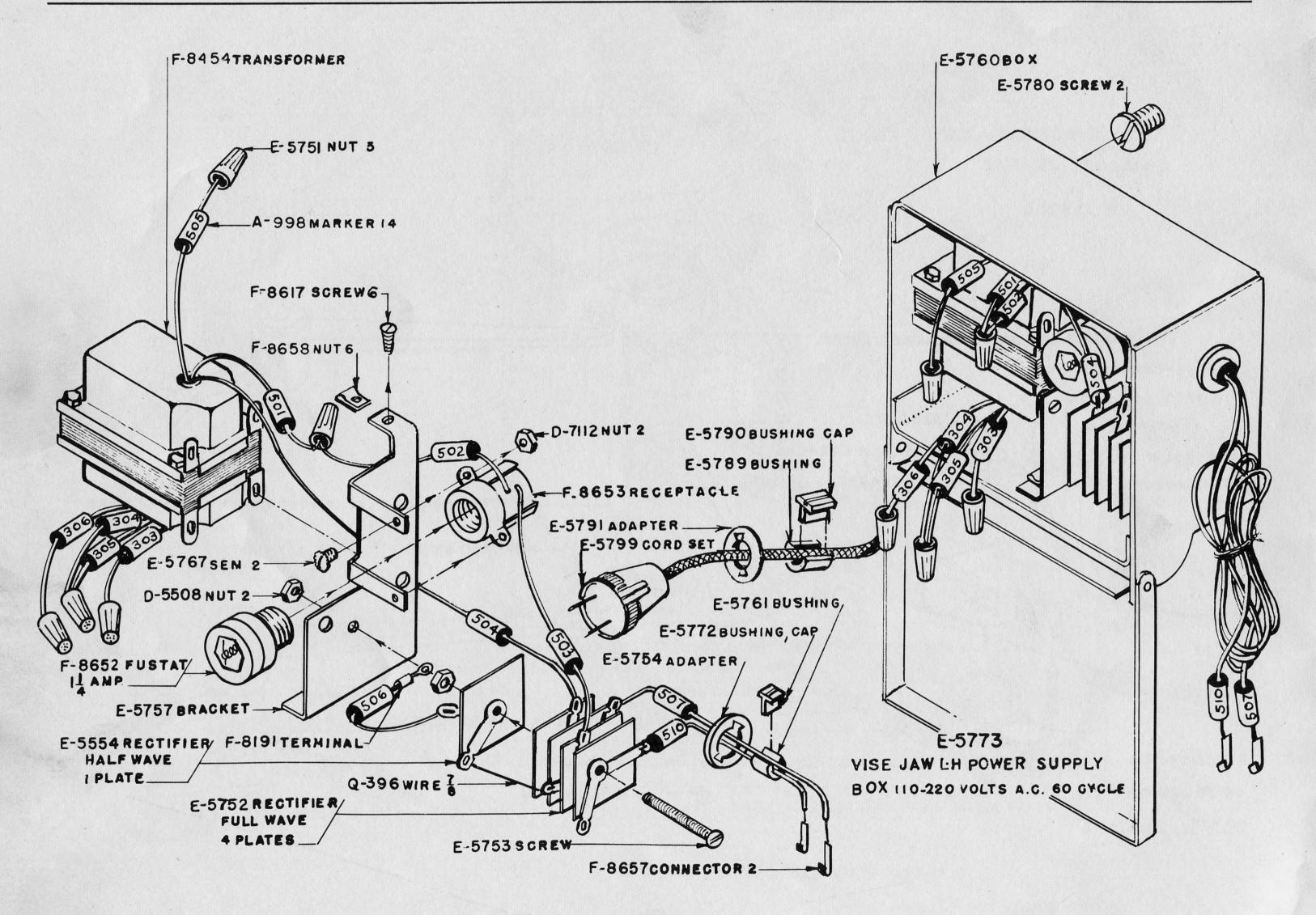


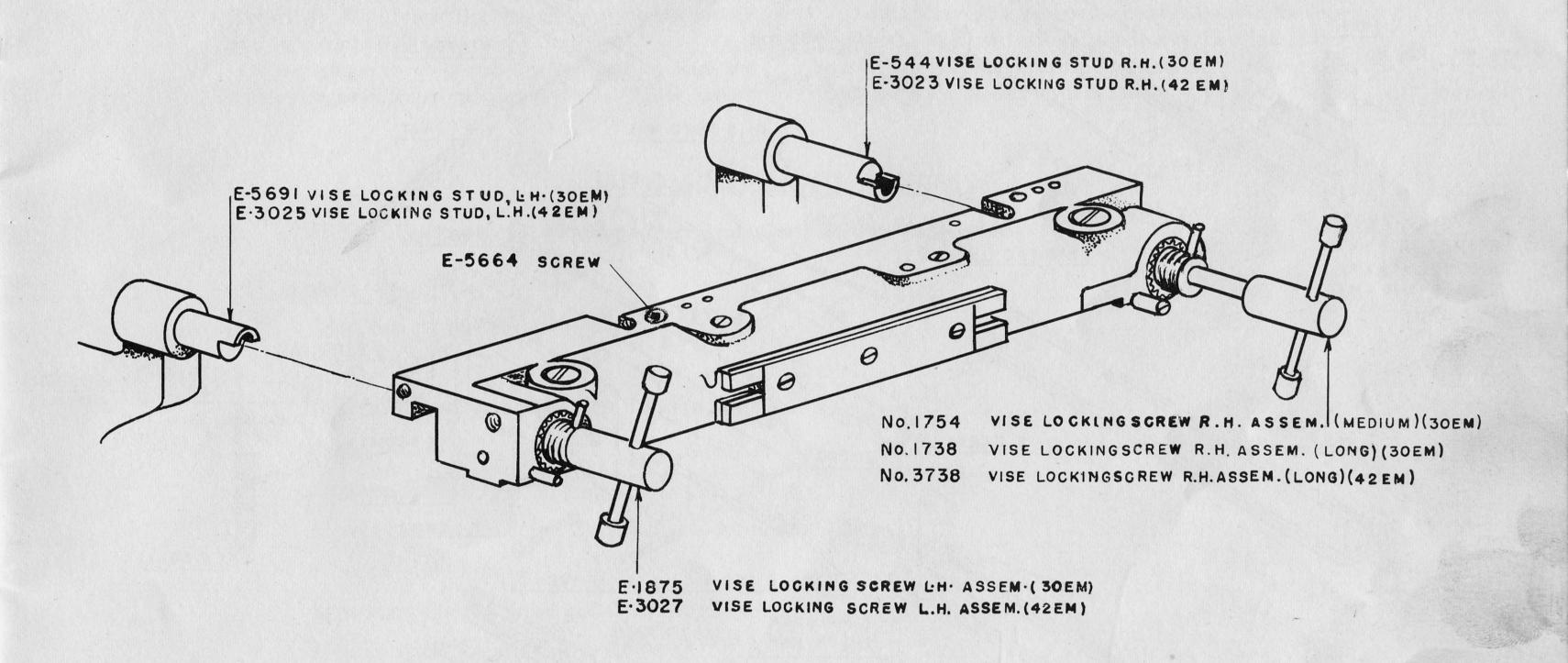


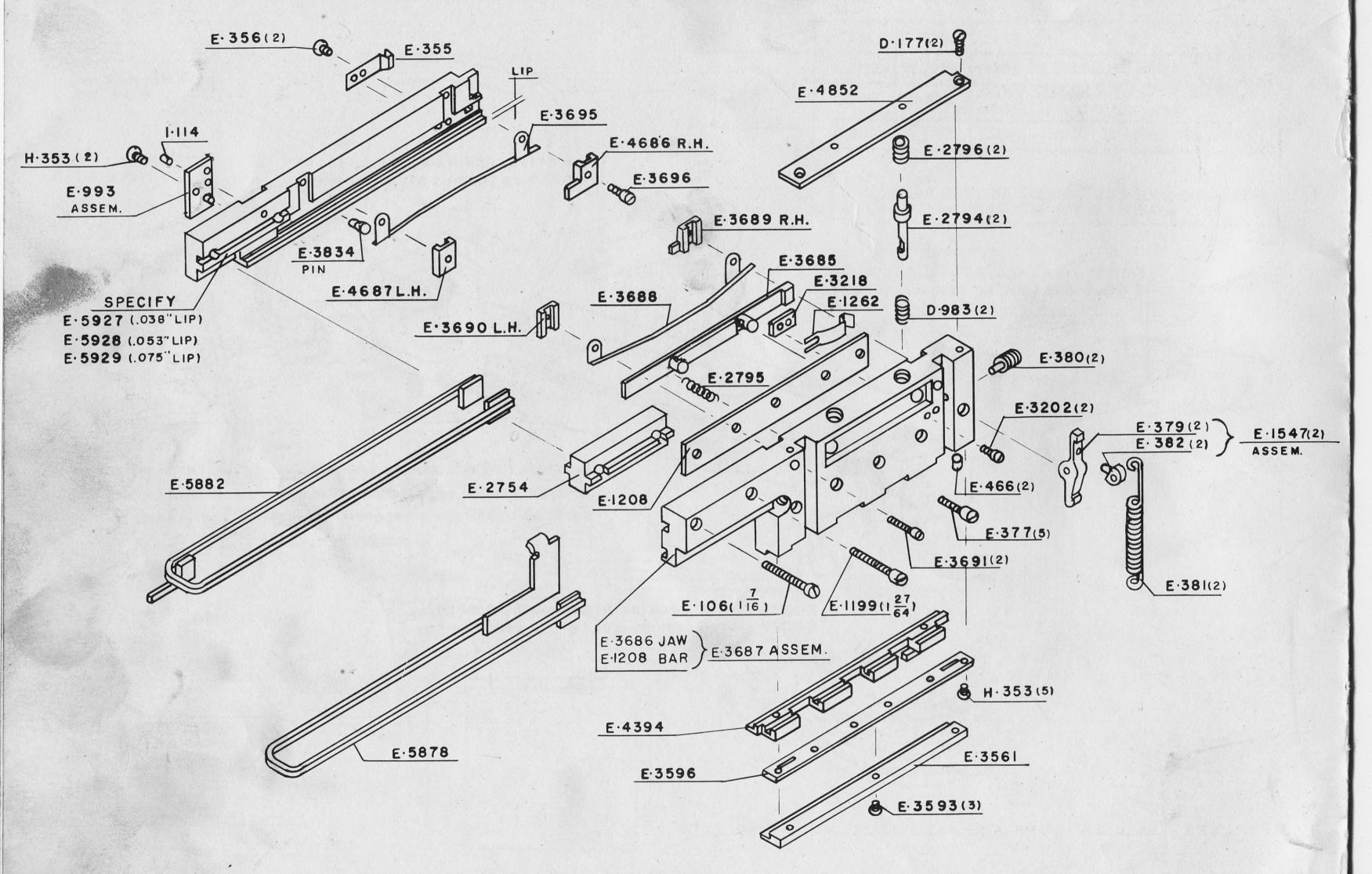


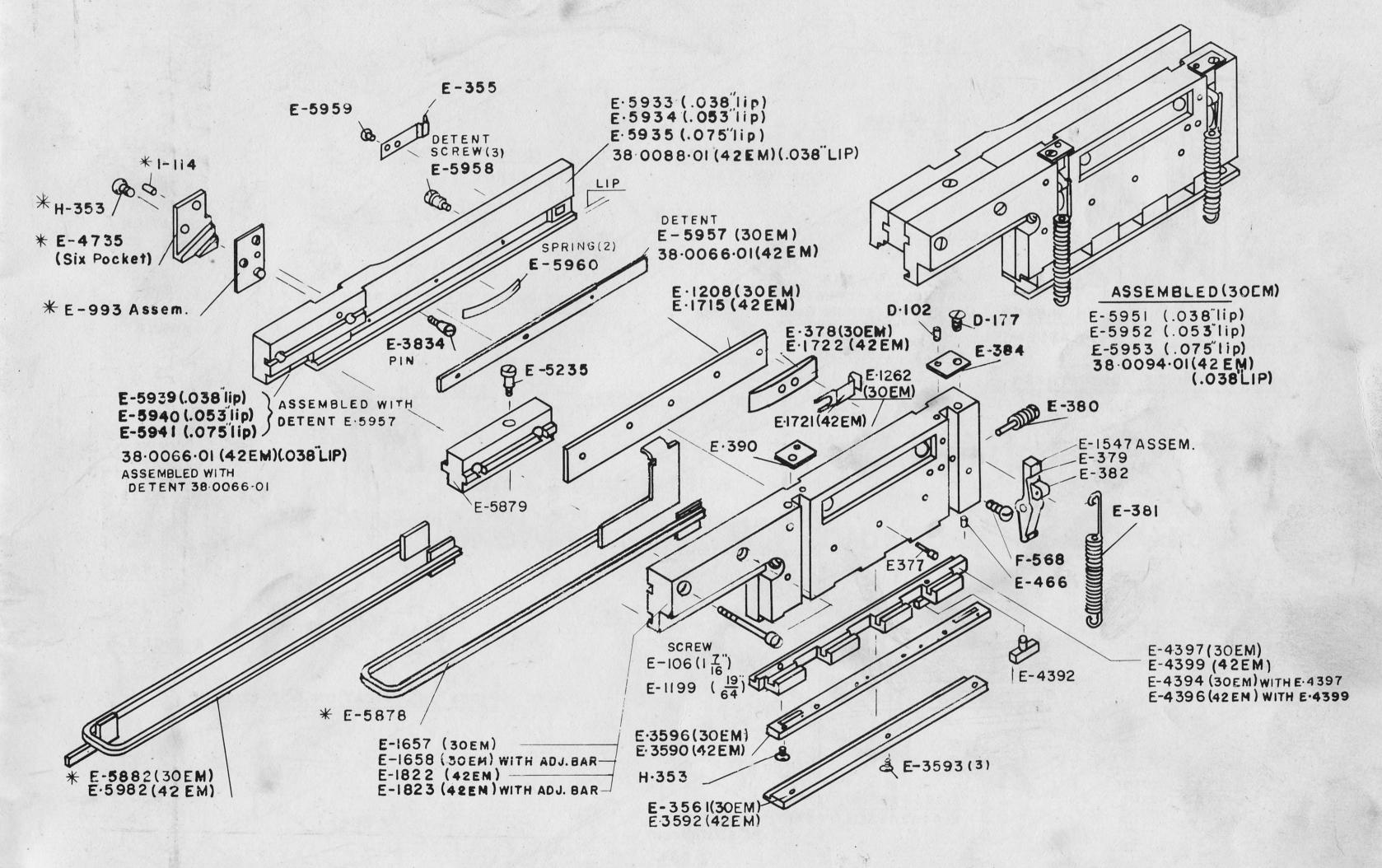




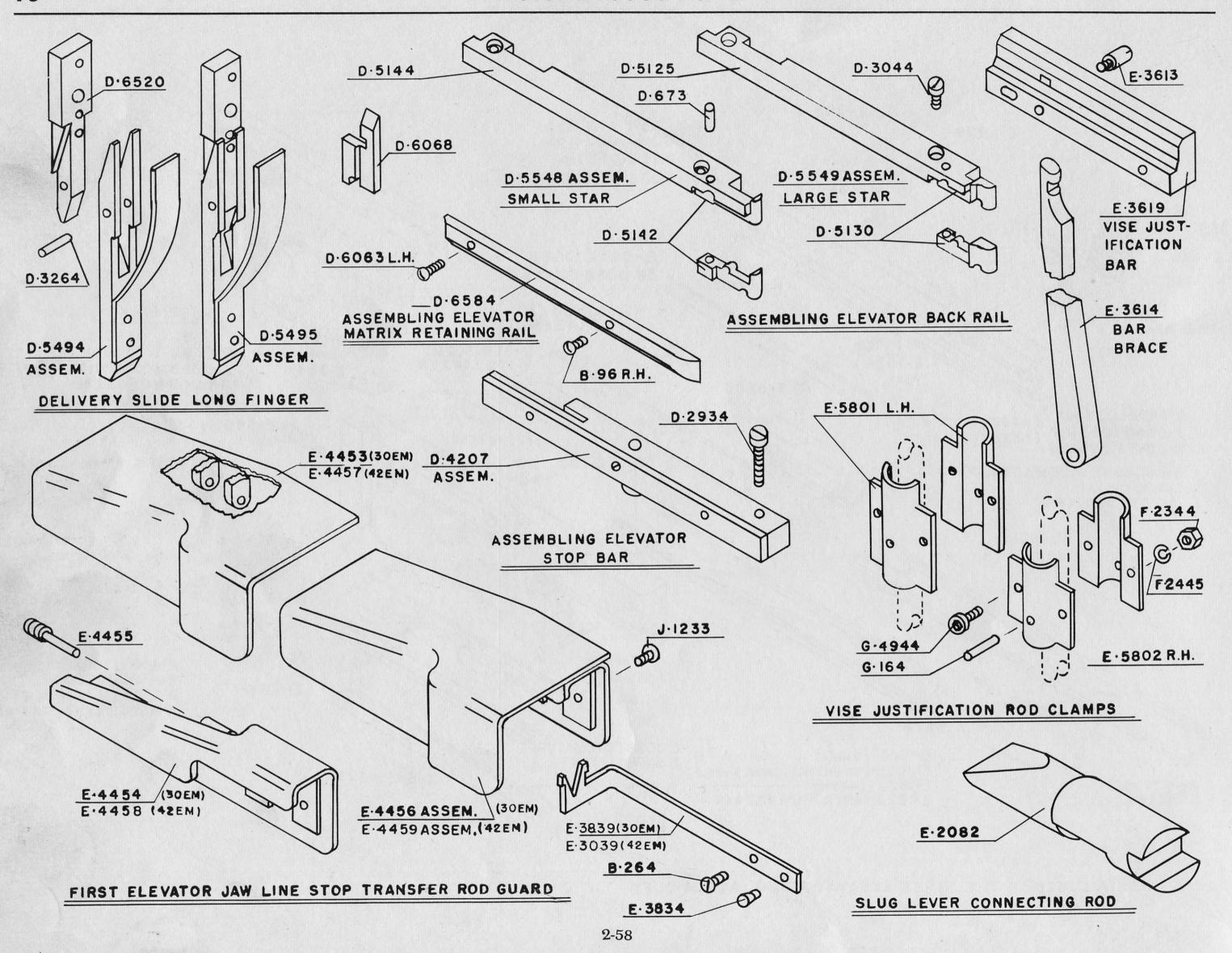


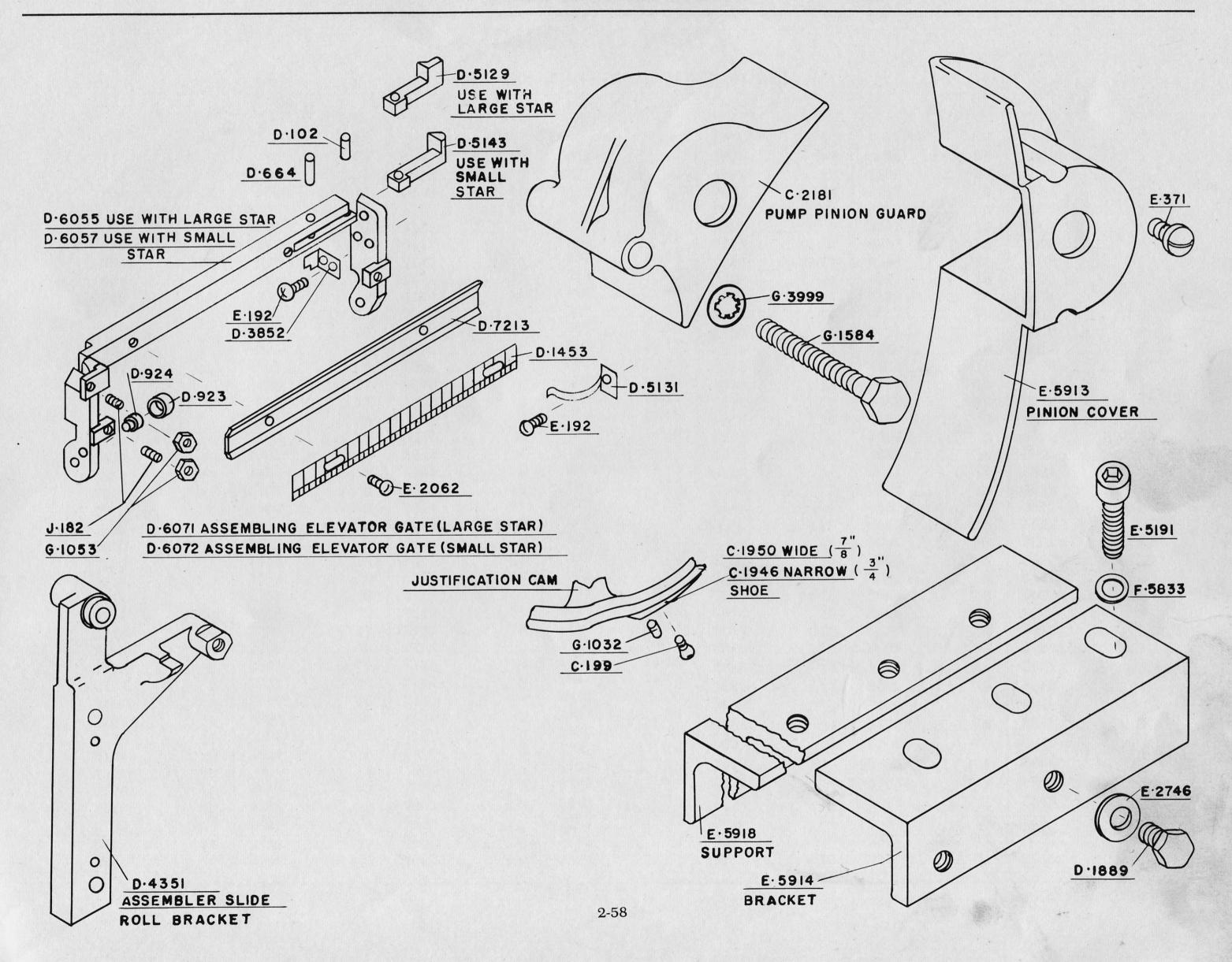


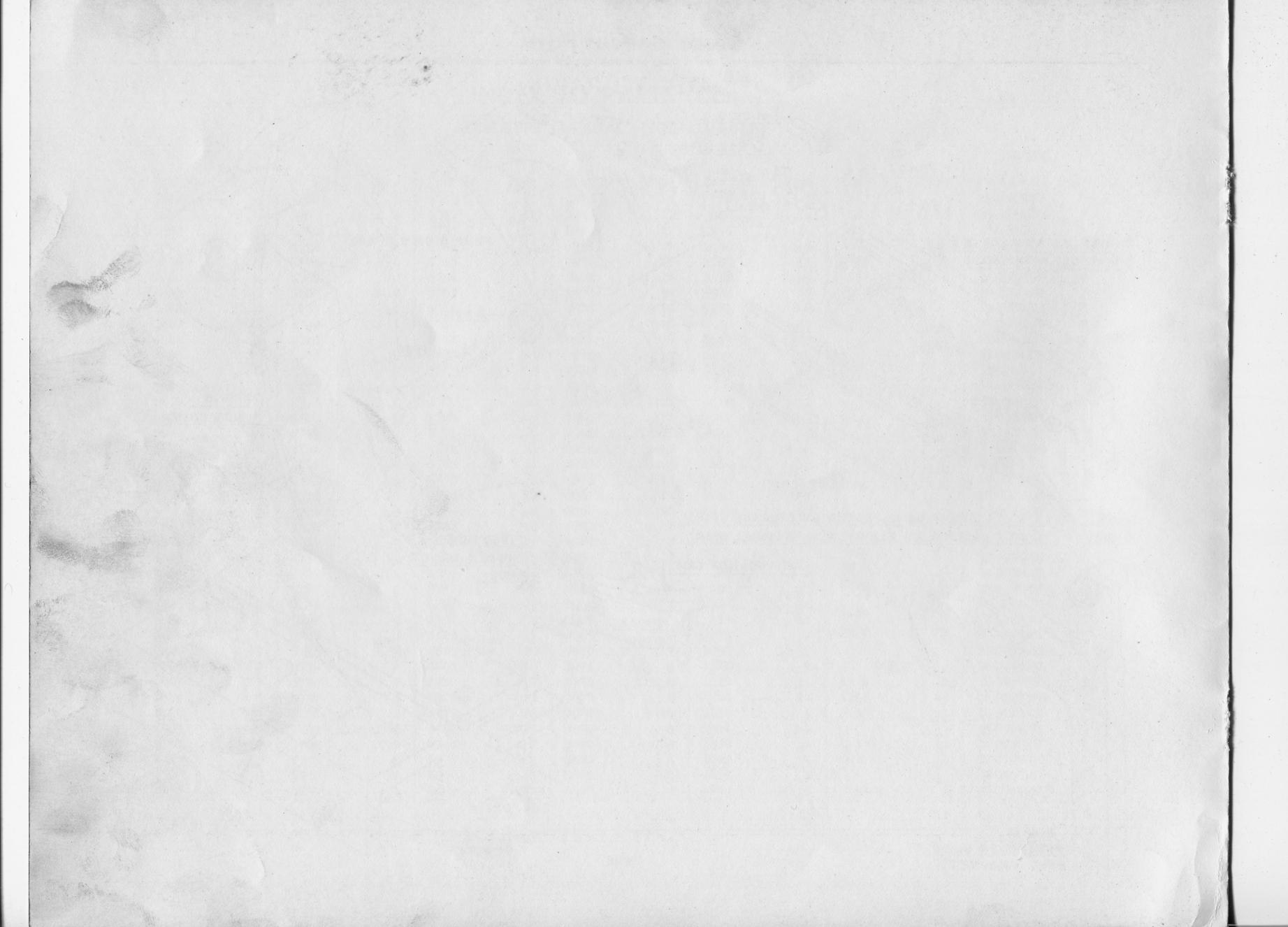




\* PARTS NOT INCLUDED IN THE FIRST ELEVATOR JAW, ASSEMBLED







## INDEX TO PARTS

## LINOTYPE MANUAL HYDRAQUADDER

Α	D	D	D	E	E	E
Part No. Page						
116 10	85 7-8	4351 17	7208 9	1898 3-9	3834 14-15-16	5378 11
464 2	1003	50156	7211 9	2062 17	3839 16	5511 5
998 11-12	102 15-17	5125 16	7213 17	2082 16	4147 9	5554 12
	107 10	5129 17		2677 7-8	4352 3	56068
В	120 17	5130 16		2692 6	4392 15	5607 8
96 16	177 14-15	5131 17	E 1415	2720 2	4394 14-15	5608 8
264 6-16	206 9	5142 16	106 14-15	2746 10-17	4396 15	5612 2-5
584 3	323 6	5143 17	168 3-6	2754 14	4397 15	5613 2
965 2	331 7-8	5144 16	192 17	2794 14	4399 15	56142
	664 17	52556	320 14	2795 14	4453 16	5615 7-8
BB	673 16	5494 16	355 14-15	2796 14	4454 16	5616 7-8
704 11	7159	5495 16	356 14-15	2799 6	4455 16	5617 3
747 11	802 3-9	5508 12	371 17	3023 13	4456 16	56186
	923 17	5548 16	377 14-15	3025 13	4457 16	56196
C	924 17	5549 16	378 14-15	3027 13	4458 16	5620 4
199 17	965 9	5725 11	379 14-15	3039 16	4459 16	5621 7-8
471 6	983 14	6055 17	380 14-15	3202 14	4585 7	5622 3-7-8
1502 10	10639	6057 17	380 14-15	3218 14	4686 14	5623 3
1550 17	1064 9	6063 16	382 14-15	3265 11	4687 14	5624 7-8
1574 17	1401 9	6068 16	384 15	3465 7	4735 15	5626 8
1718 10	1404 9	6071 17	390 15	35469	4852 14	5627 7-8
1946 17	1434 9	6072 17	424 9	3561 14-15	5087 7-8	5628 6
1950 17	1436 9	61902	466 14-15	3590 15	5088 7-8	56296
2113 2	1453 17	6520 16	544 13	3592 15	5090 7-8	56303
2114 2	1574 9	6529 17	692 3	3593 14-15	5091 7-8	5631 6
2115 2	1752 9	6584 16	993 14-15	3596 14-15	5093 7-8	56336
2117 2	1886 9	7112 12	1126 11	3613 16	5094 7-8	5634 10
2118 2	1889 10-17	7191 9	1199 14-15	3614 6-16	5096 7-8	56352
2120 17	2299 9	7192 9	1208 14-15	3619 6-16	5097 8	56362
2122 2	2589 11	7193 9	1262 14-15	3685 14	5098 7-8	56373
21232	2934 16	7194 9	1547 14-15	3686 14	5099 7-8	56393
2167 10	3044 16	7195 9	1624 6	3687 14	5100 7-8	56402
2172 10	3264 9-16	7196 9	1657 15	3688 14	5102 7-8	5641 3
2173 10	3265 11	71979	1658 15	3689 14	5103 7-8	5642 3
2174 10	36249	7198 9	1715 15		5185 5	5645
2175 10	3664 7	7200 9	1721 15	3690 14	5191 2-17	5648 3
2176 10	3667 7-8	7201 9	1722 15	3691 14		
2179 10	3814 9	7202 9	1822 15	3695 14	5192 3	5649 4
2180 10	38219	7203 9	1823 15	3696 14	5235 15	5650 4
2181 17	3852 17	7206 9	1875 13	3749 11	5301 11	5652 4
2183 10	4207 16	7207 9	1889 17	3816 11	5375 11	5653 4

## INDEX TO PARTS (Cont.)

## LINOTYPE MANUAL HYDRAQUADDER

E	E	E	E	F	н	MISC.
Part No. Pag	Part No. P	age Part No. Page	Part No. Page	Part No. Page	Part No. Page	Part No. Page
5654 3	5700		5910 11	26 2	167 4	38-0056-01 7
5655				568 15	353 14-15	38-0056-02 7
5657	5 5702			2344 16	457 6	38-0057-01 3
5658			5914 17	2445 16	523 6	38-0058-01 3-7
5659	HANG NEW TOTAL STREET, THE PERSON OF THE PER	2-4 5755 11	5918 17	3260 11	5275 2	38-0059-01 3
5660	5 5705	10 5756 11	5927 14	5599 2-3-6	6567 6	38-0060-01 7
5662 3-	5 5706 2	-10   5757 12	5928 14/	5833 17		38-0060-02 7
5663	5707	2-4 5758 11	5929 14	6155 3-6		38-0061-01 7
5664 2-4-1	5709 2-3	-11 5760 12	5933 15	6500 7-8	114 14-15	38-0062-01 7
5665	5710	2   5761 12	5934 15	8191 11-12	287 6	38-0063-01 7
5666	5711	2   5765 3-4	5935 15	8420 7-8	1470 6	38-0064-01 7
5668			그렇게 되게 하고 있는데 그는 아이들이 얼마나 살아 가는 사람들이 되어 하게 하는데 얼마나 없었다.	8423 11	2031 7-8	38-0065-01 6
5669	5 5713	2   5768 11	5940 15	8454 12	2430 3-7-8	38-0066-01 15
5670	5   5714	2   5769 3-6	다 보고 있는 나는 나는 사람들이 되었다면 하나를 하는 것이 없는데 그렇게 되었다면 하다면 했다.	8617 12	2540 10	38-0067-01 6
5671				8652 12	2799 6	38-0068-01 6
5672	5   5717			8653 12	4986 3	38-0070-01 6
5673	5 5721	2012 NGC 1938 NGC 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		8657 11-12	6345 7	38-0071-01 2
5674		장면 PERSON 어린 물 경기 다른 것이 되었다. 그는 사람들은 사람들이 되었다. 그는 사람들은 사람들이 살아 있다면 그렇게 되었다. 그는 사람들이 없는 것이 없는 것이다.		8658 12	6350 10	38-0072-01 2
5675		2   5776 7		8710 11	8350 6	38-0073-01 2
5676				8805 7-8		38-0074-01 2
5677				8975 7-8		38-0075-01 2
5678	5 5726				1716	38-0076-01 2
5679					182 17	38-0077-01 7
5680				G	805 3	38-0077-02 7
5681		18 B. O. O. B. B. B. S.		103 8	1233 16	38-0079-01 4
5684			5.00.000 (10.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.0	107 10	53752	38-0080-01 4
5685			발생 중에 하는 사람들은 사람들은 사람들은 사람들은 사람들은 사람들은 사람들이 하는 것이 되었다. 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그	164 16	5498 7-8	38-0085-01 3
5686				939 11	5499 8	38-0086-01 6
5688				1032 17		38-0087-01 6-7
5689 1				1053 11-17	MICC	38-0088-01 15
5690				1135	MISC.	38-0089-01 6
5691 1				1213 11	1738 13	38-0090-01 6
5692				1584 17	1754 13	38-0091-01 7
5693			50 발표하는 하는 사람들은 10 전에 가장하는 것이 되었다. 10 전에 가장하는 10 전에 가장하	2852 9	3738 13	38-0093-01 7
5694 1				2891 3-6	0.206 10	38-0094-01 15 38-0095-01 7
5695 1				3398 3	Q-396 12	39-0136-02 2
5697				3999 17	Q-2891 3	39-0136-02 2
5698				4937 2	X-1870 2	39-0182-01 7
5699	5   5750	11   5909 3	5995 4	4944 16-17	A-10/U 2	33-0231-01 /

Parts Catalog for the
LINOTYPE ELECTRICALLY CONTROLLED HYDRAQUADDER



## GENERAL INFORMATION

The following pages show the parts of the Linotype Electrically Controlled Hydraquadder for push button and tape controlled operation.

These pages are to be used in conjunction with the catalog pages in the front section of this catalog, which

pertain to Manual Hydraquadder replacement parts.

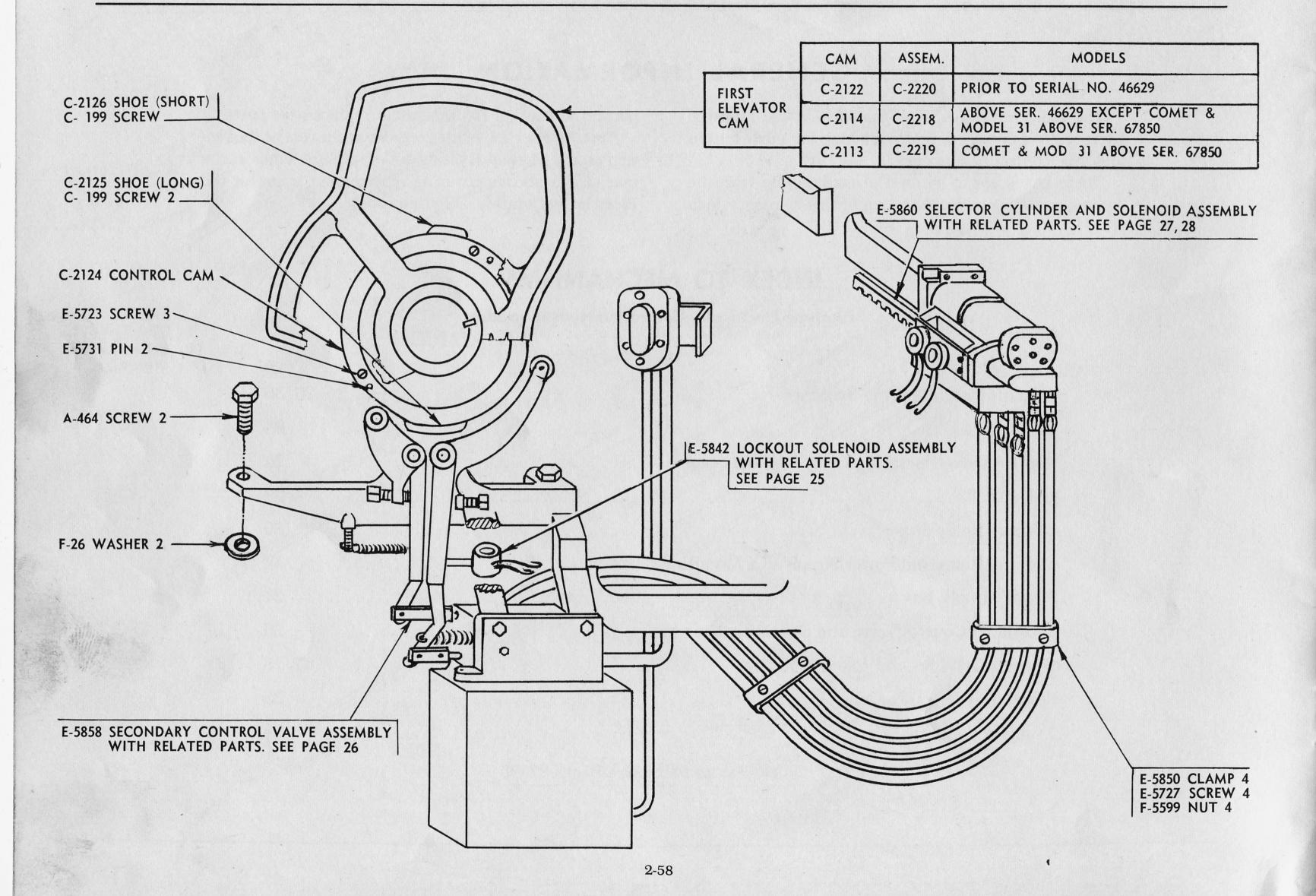
There are two Parts Indexes, one at the rear of the section on the Manual Hydraquadder, and the other at the rear of this section covering replacement parts for the Electrically Controlled Hydraquadder.

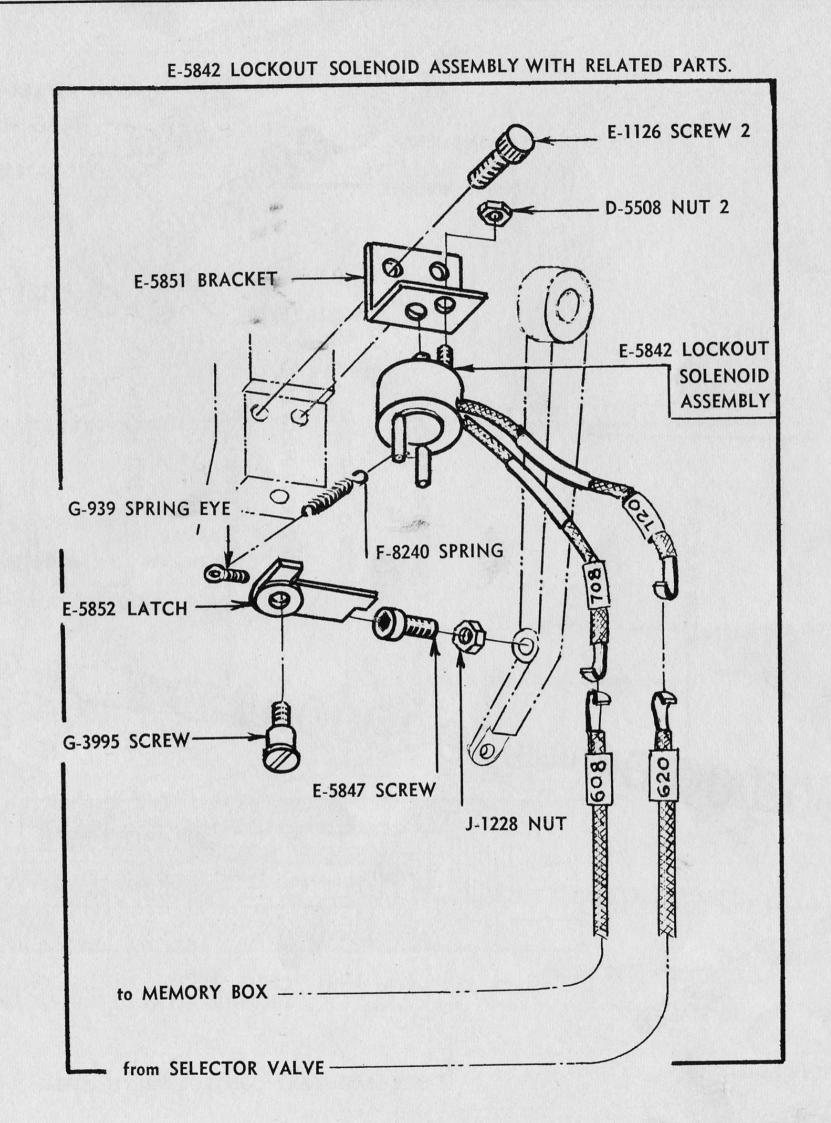
## INDEX TO MECHANISMS

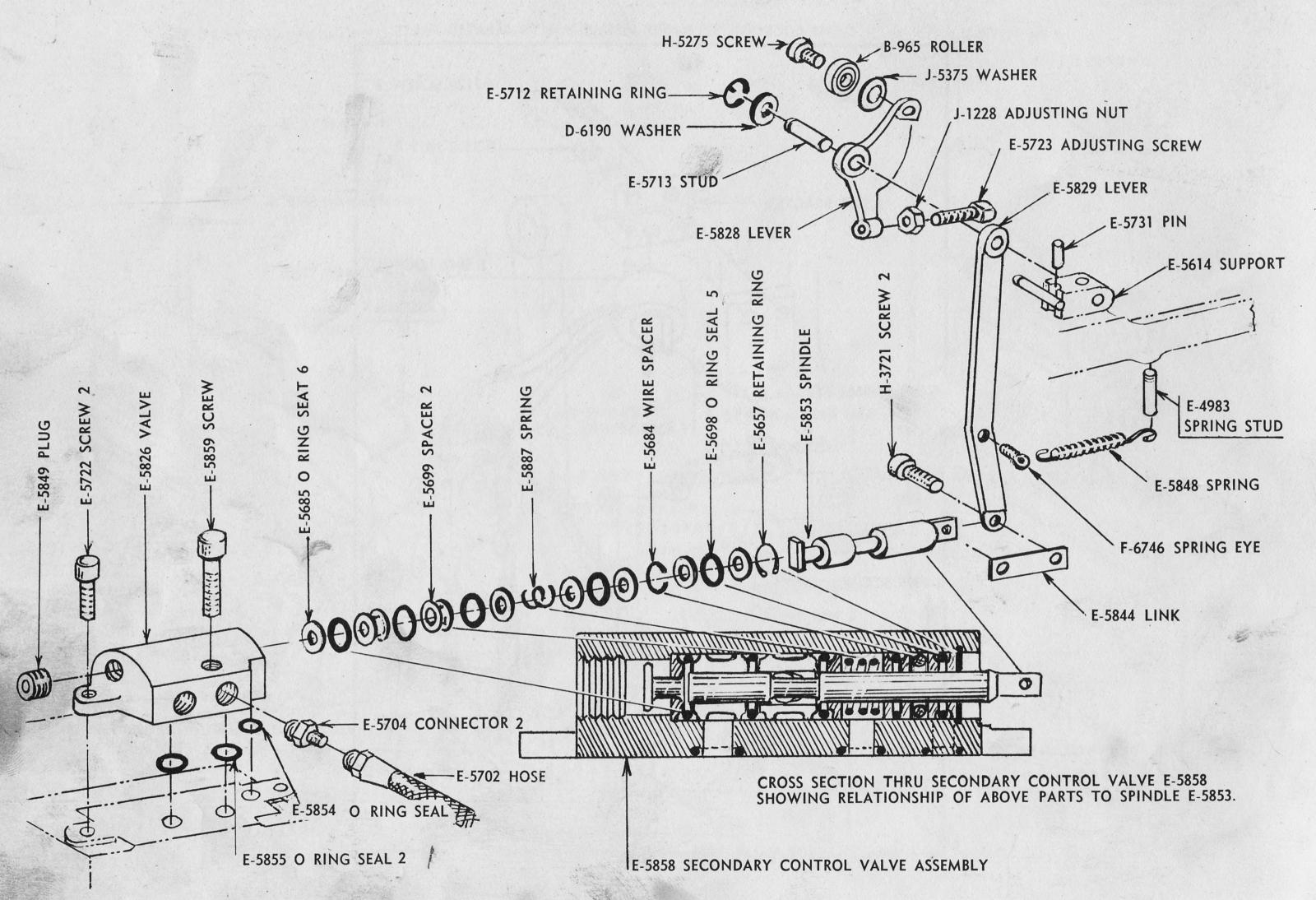
## Linotype Electrically Controlled Hydraquadder

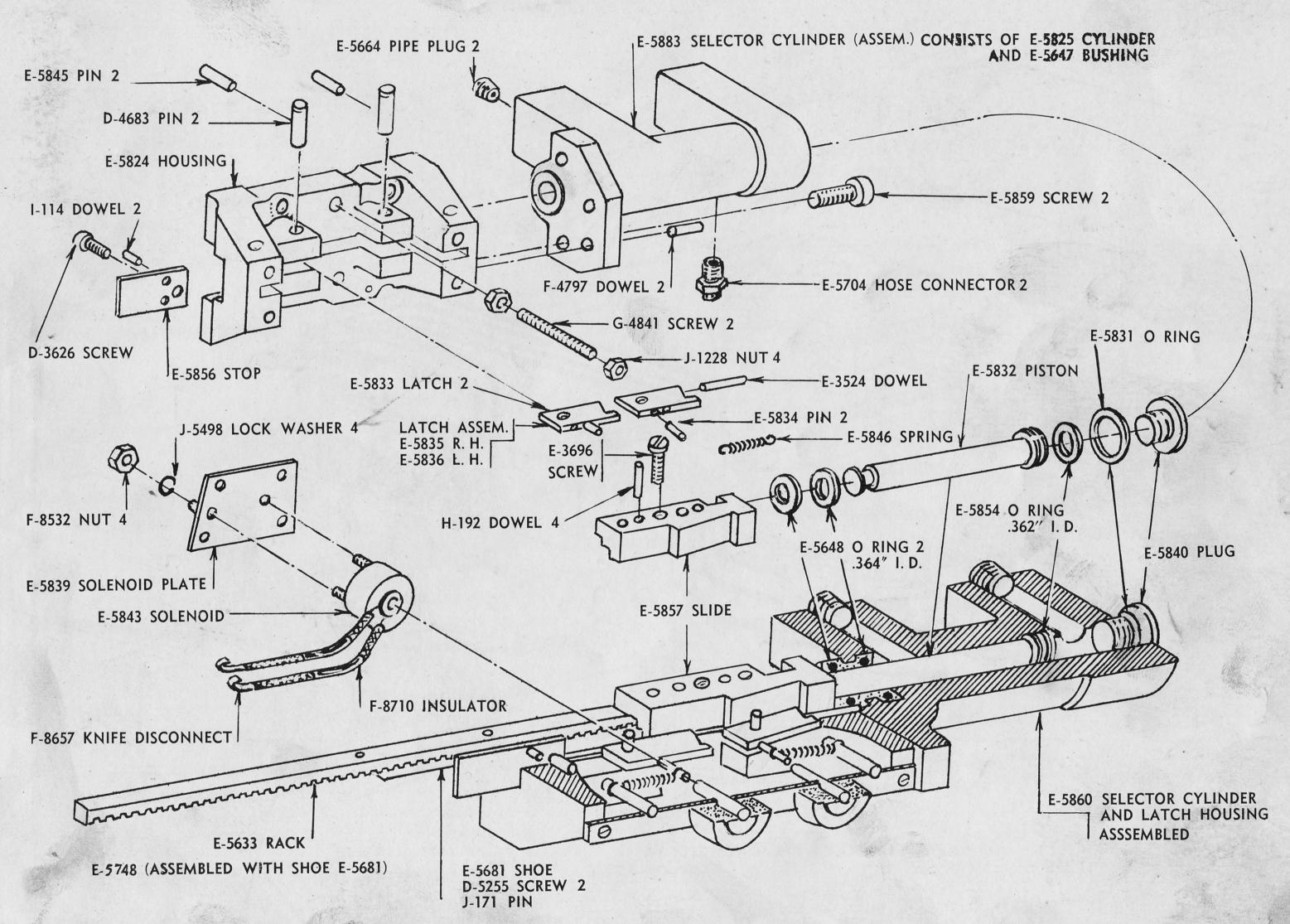
	Page
Actuating and Clearing Switches	35, 36
Cams	24
Control Valve Operating Lever Lockout Solenoid	25
Hoses	29
Memory Relay Box	30
Memory Relay and Power Supply Box Mounting Brackets	32
Power Supply Box	31
Secondary Control Valve and Operating Levers	26
Selector Cylinder and Latch Housing	27, 28
Selector Switch Box	33
Transfer Switch	34

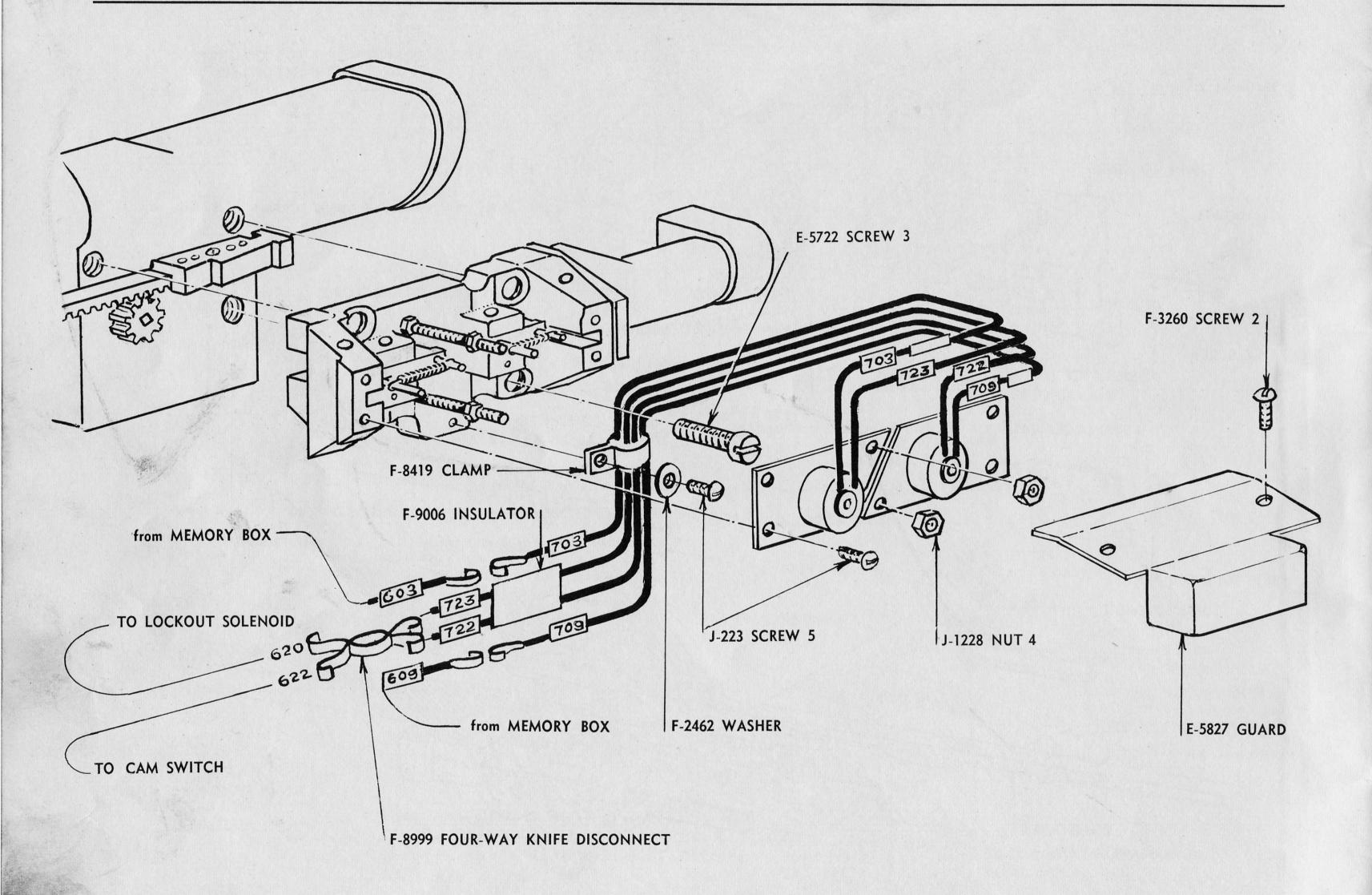
For Index to Parts, See Pages 37, 38

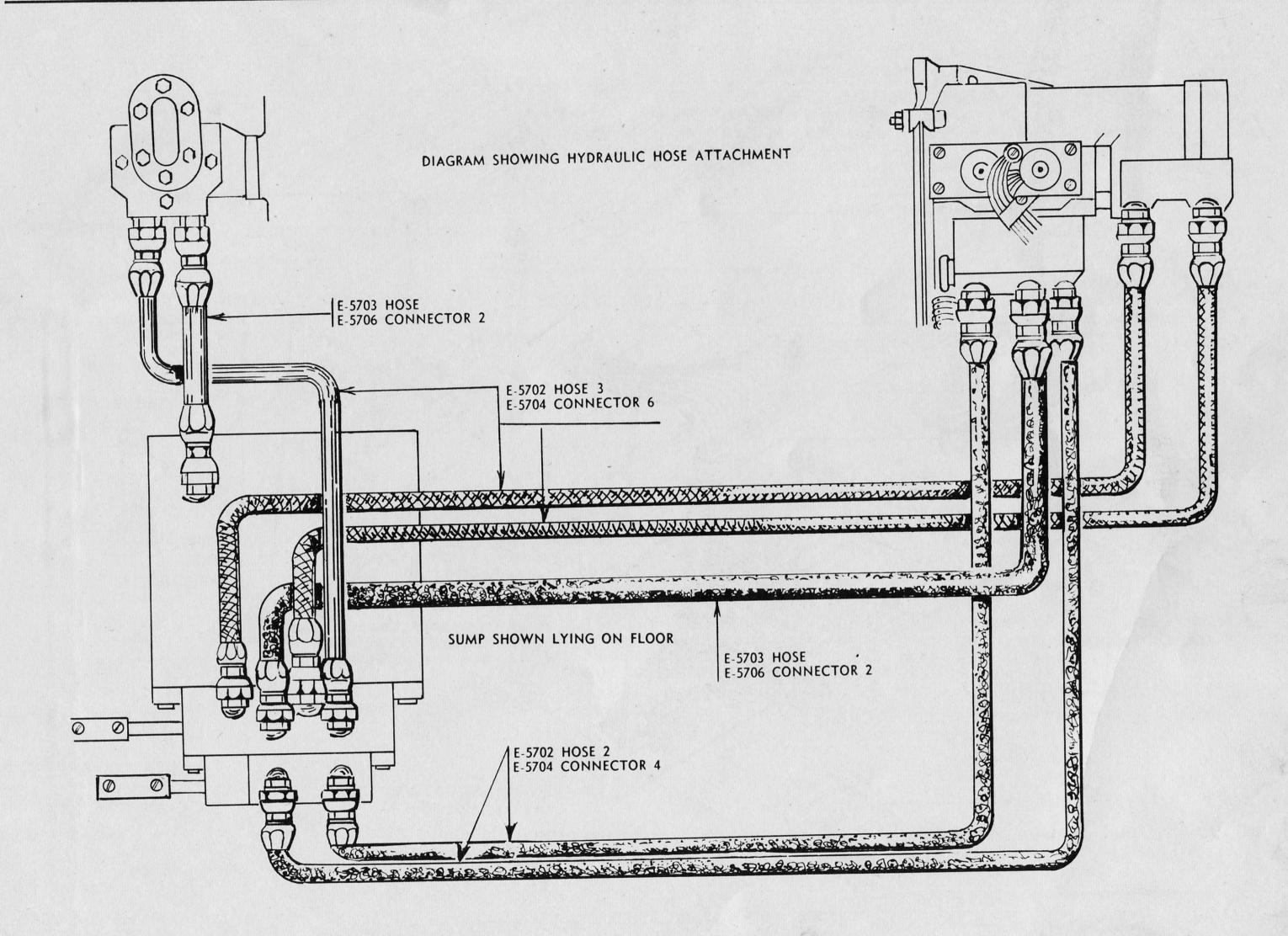


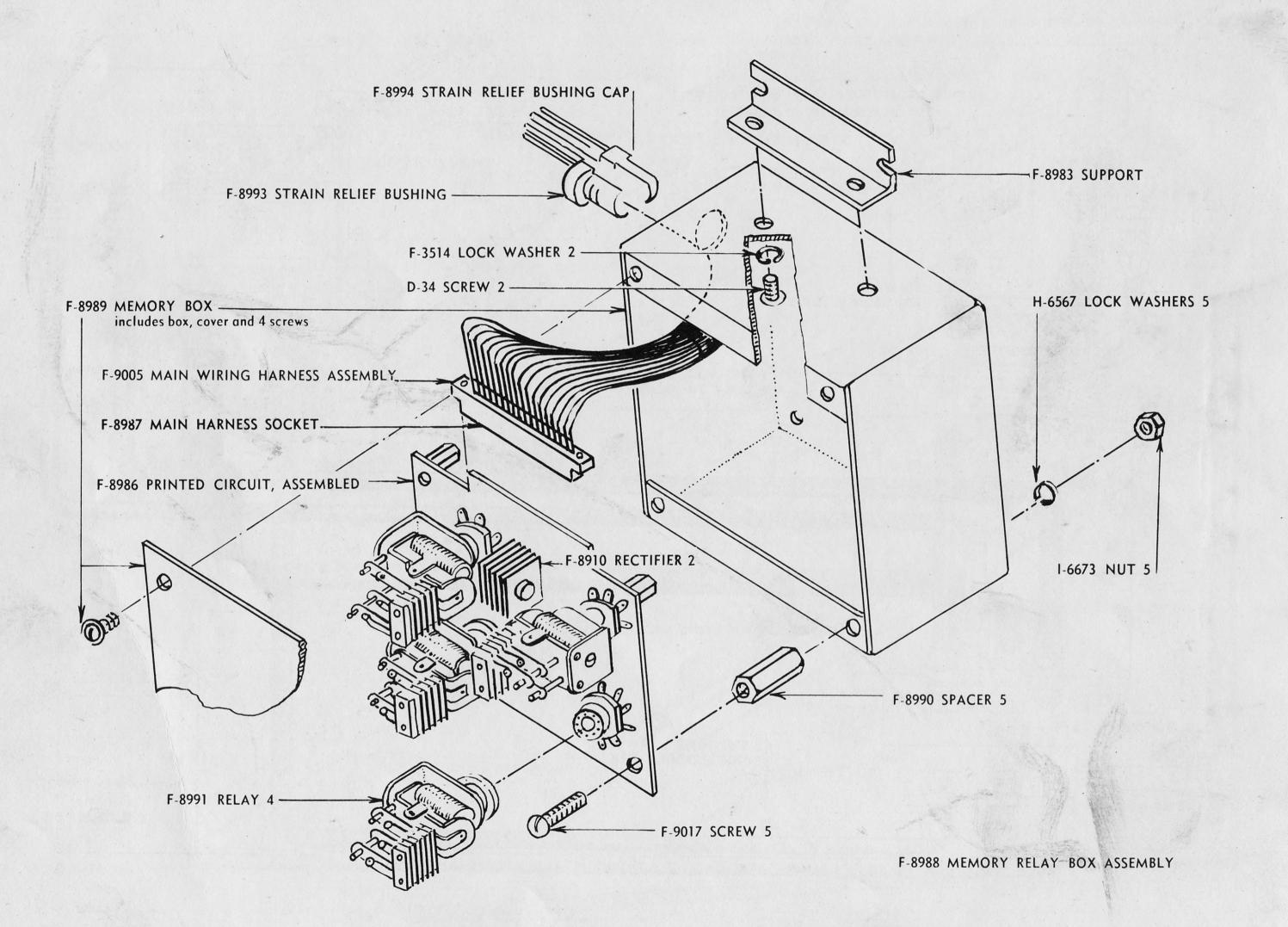


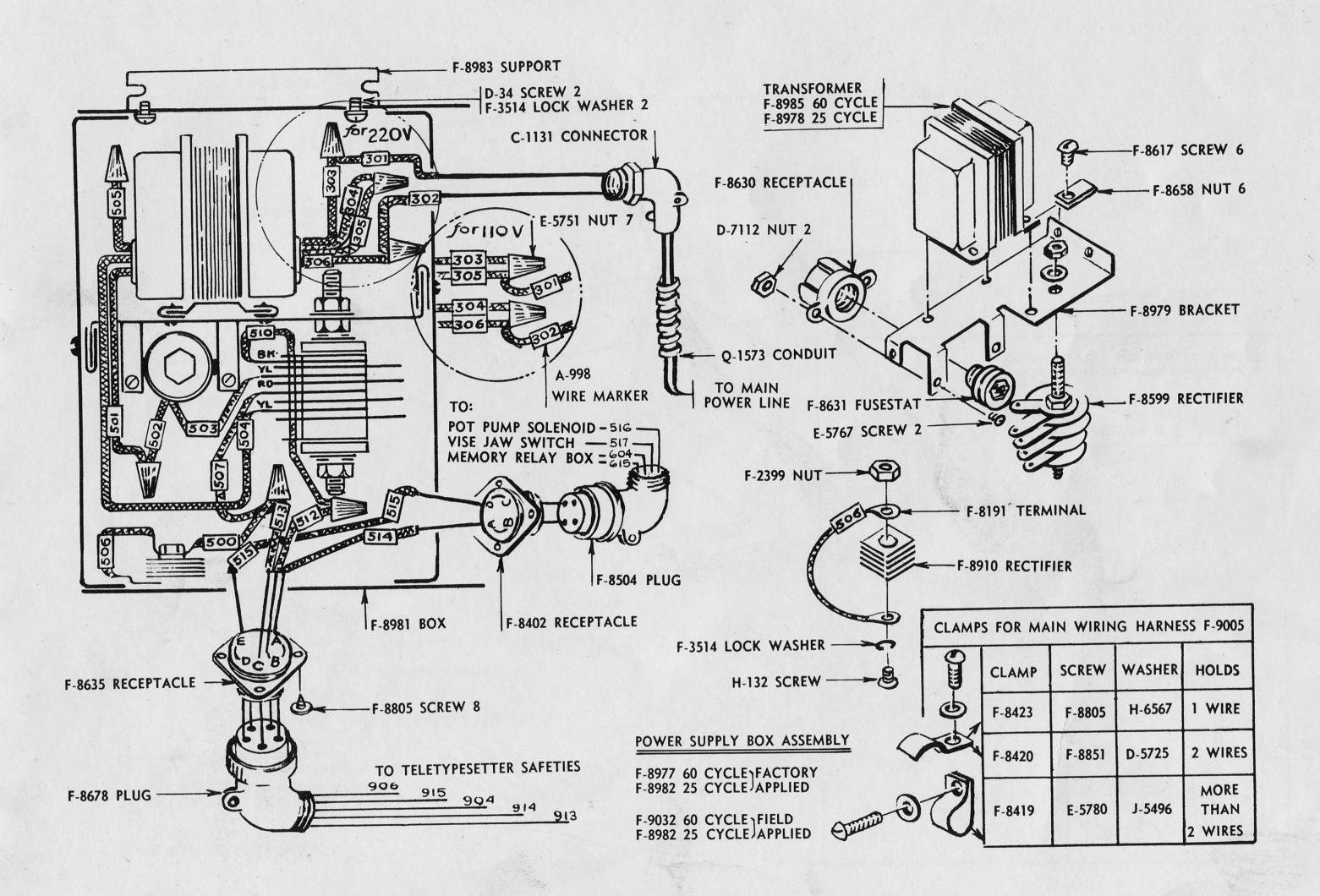


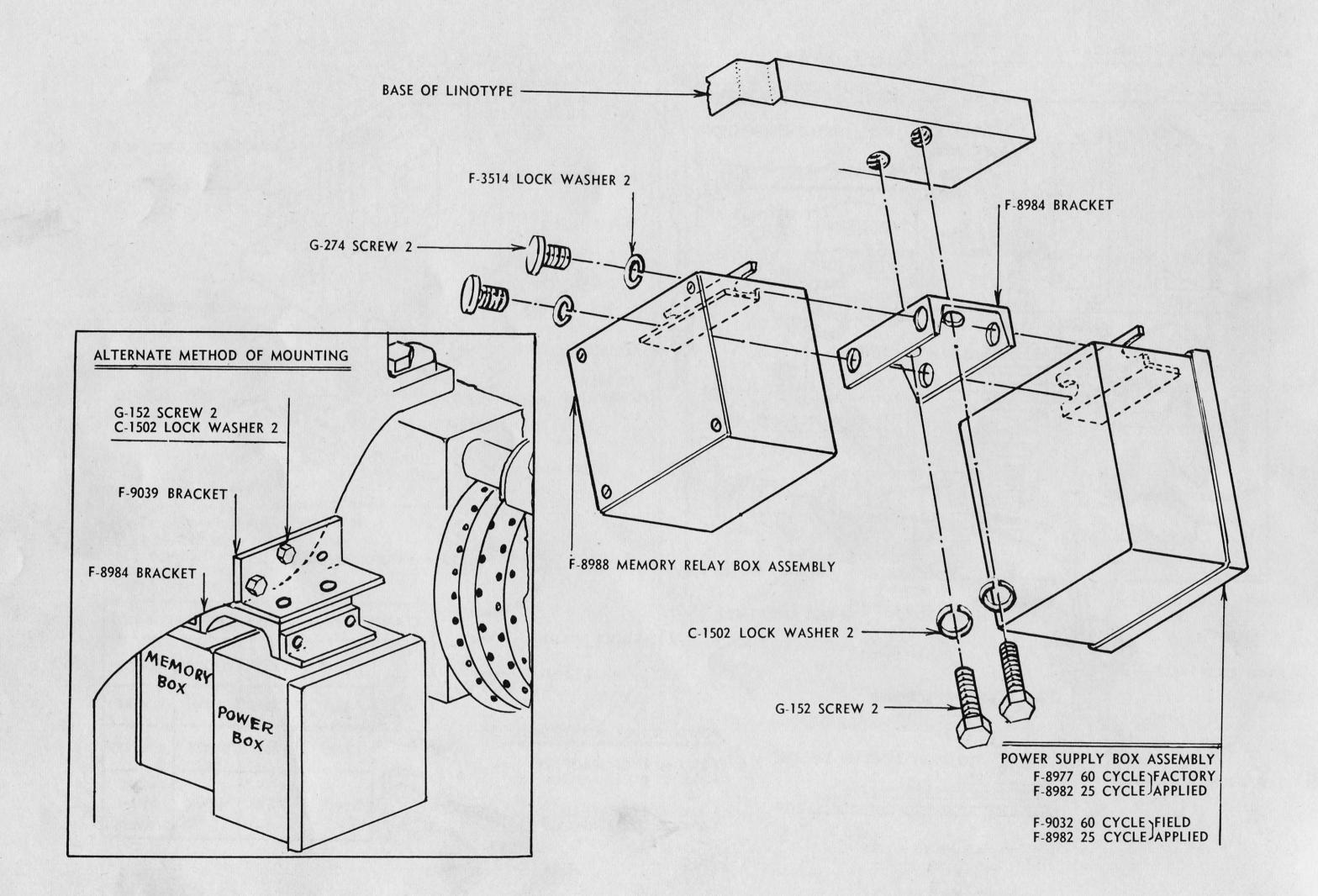




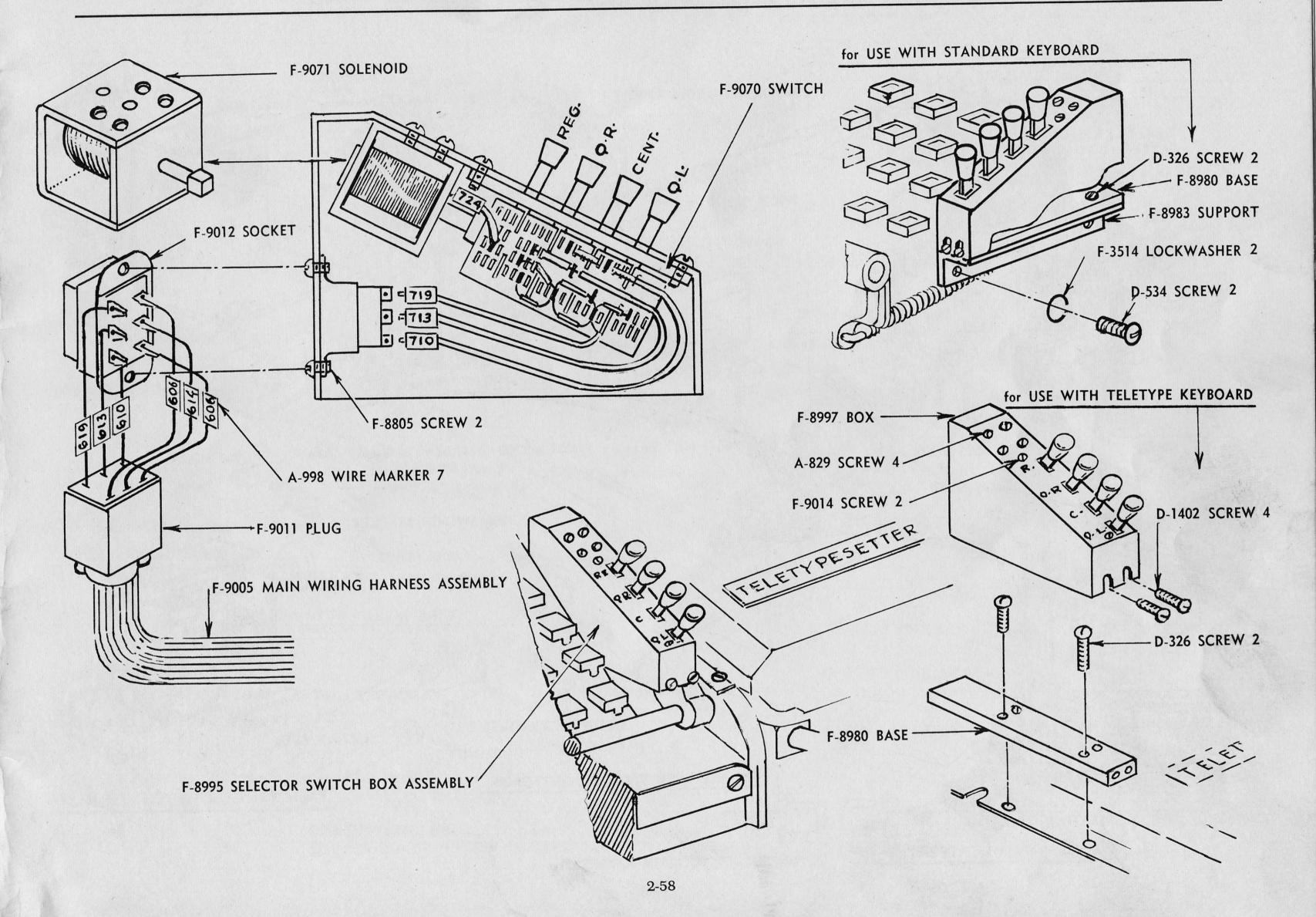


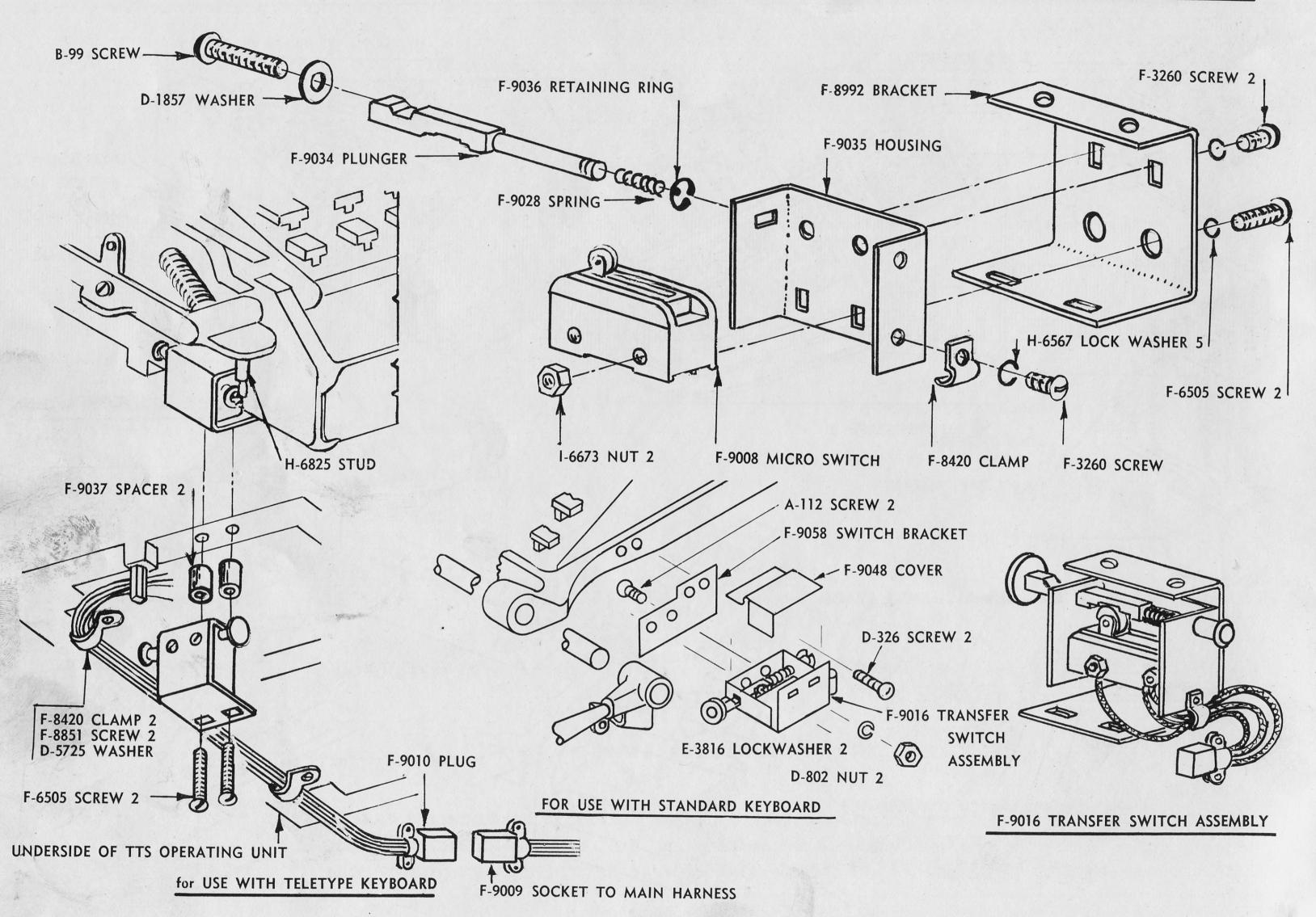


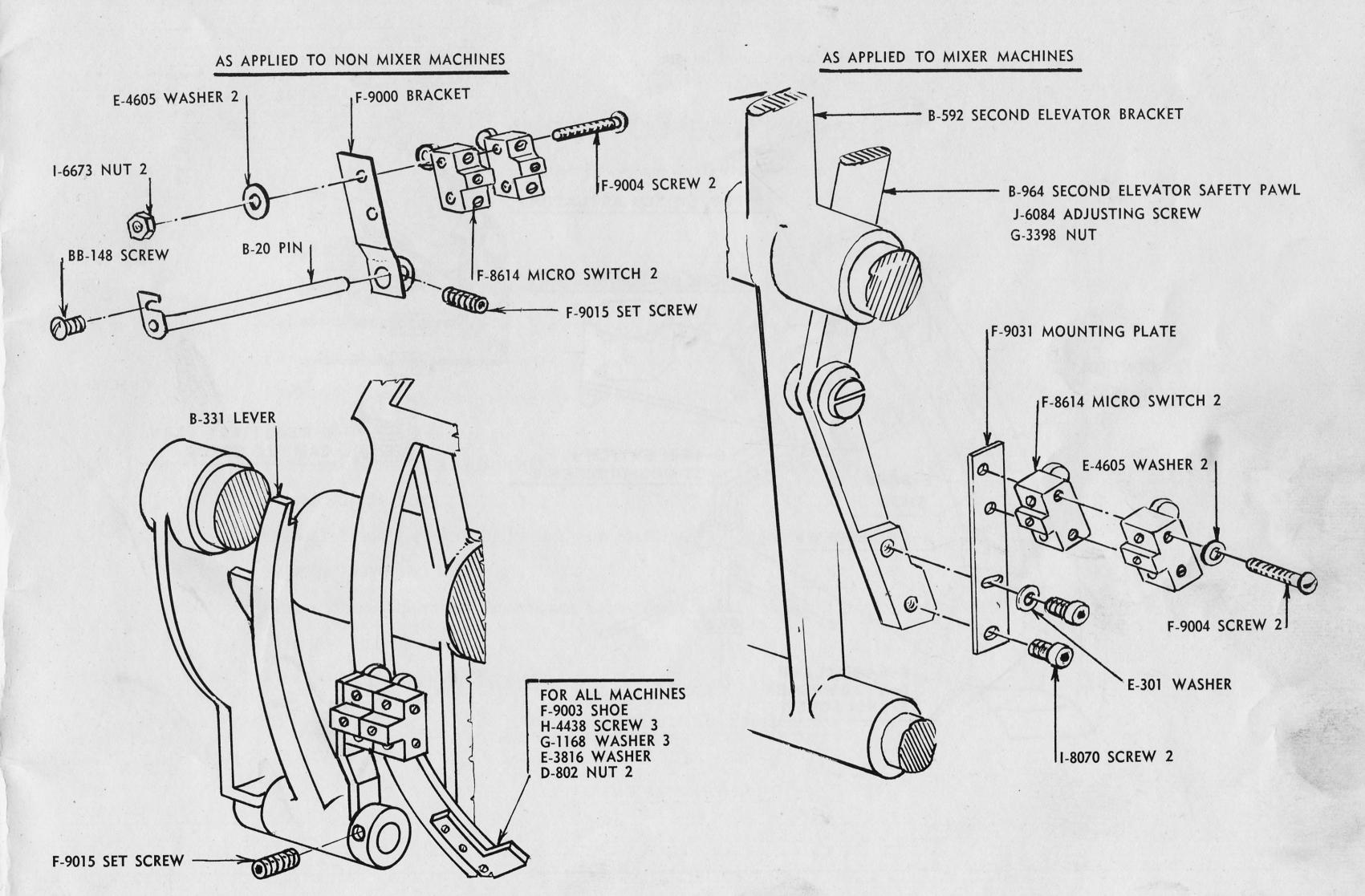


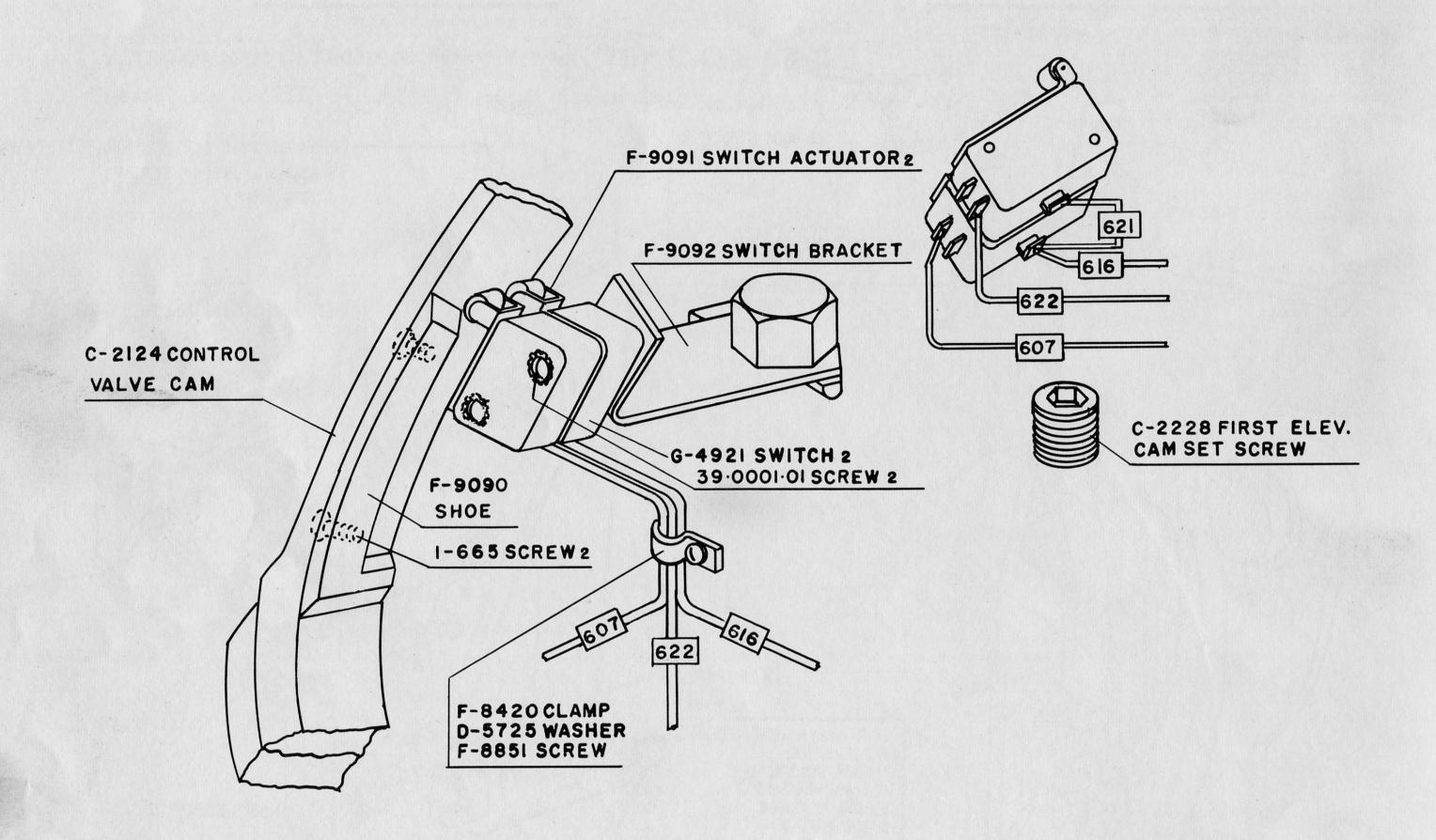


W + 2 - 2823









## INDEX TO PARTS

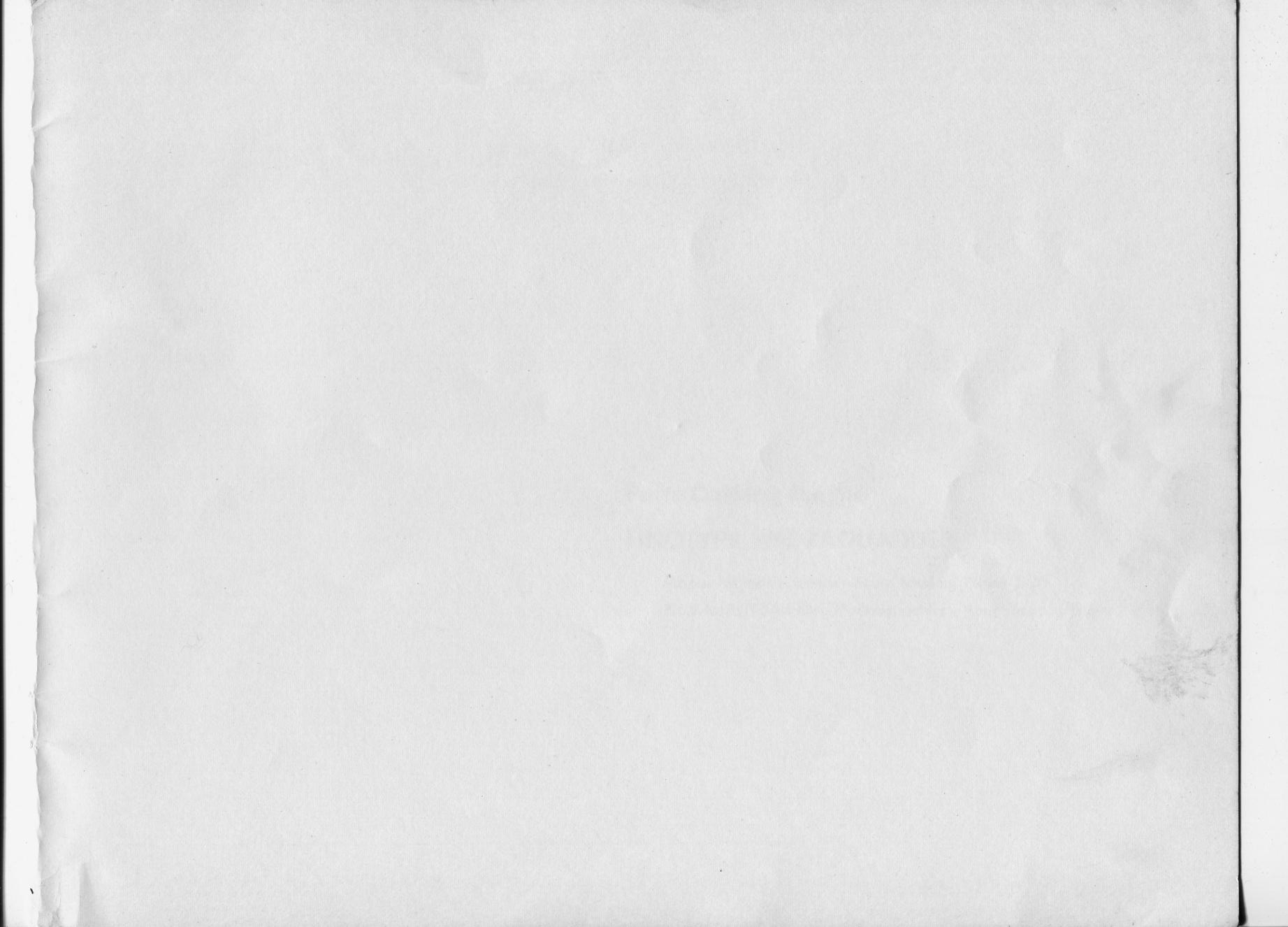
## Linotype Electrically Controlled Hydraquadder

A		C		D		E		E		E	
Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
112	34	2113	24	4683	27	5648	27	5751	31	5844	26
464	24	2114	24	5255	27	5657	26	5767	31	5845	27
829	33	2122	24	5508	25	5664	27	5780	31	5846	27
998 3	1, 33	2124		5725 31	, 34, 36	5681	27	5824	27	5847	25
		2125		6190	26	5684	26	5825	27	5848	26
В		2126		7112	31	5685	26	5826	26	5849	26
20	35	2218				5698	26	5827	28	5850	24
99	34	2219				5699	26	5828	26	5851	25
331		2220				5702	26, 29	5829	26	5852	25
592		2220	30	E		5703		5831	27	5853	26
964				301		5704 26		5832	27	5854	26, 27
965	26			1126		5706		5833		5855	
		D		3524		5712		5834	27	5856	
149 BB	35	34	30, 31	3816			26	5835		5857	
148	33		. 33, 34	3696		5722		5836		5858	
		534		4605		5723		5839		5859	
C		802		4983		5727		5840		5860	
199		1402		5614		5731		5842		5883	
1131		1857		5633						5887	
1502	32	3626	27	5647	27	5748	21	5843	27	3001	20

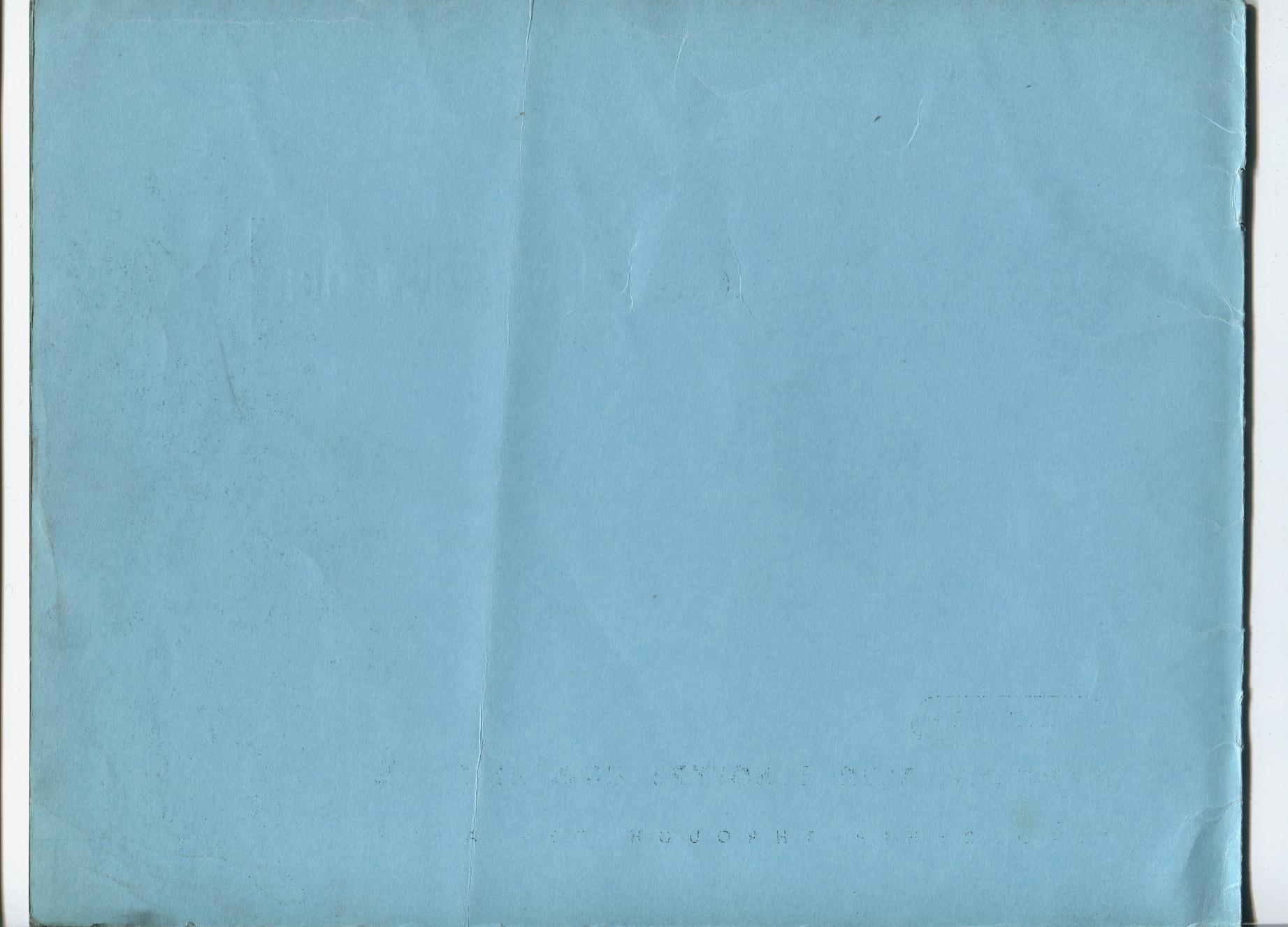
## INDEX TO PARTS (Cont.)

## Linotype Electrically Controlled Hydraquadder

F	F	F	F	G	I
Part No. Page	Part No. Page	Part No. Page	Part No. Page	Part No. Page	Part No. Page
26 24	8630 31	8987 30	9012 33	152 32	114 27
2399 31	8631 31	8988 30, 32	9014 33	274 32	665 36
2462 28	8635 31	8989 30	9015 35	939 25	6673 30, 34, 35
3260 28, 34	8657 27	8990 30	9016 34	1168 35	8070 35
3514 30-33	8658 31	8991 30	9017 30	3398 35	
4797 27	8678 31	8992 34	9028 34	3995 25	
5599 24 6505 34	8710 27	8993 30	9031 35	4841 27	
6746 26	8805 31, 33	8994 30	9032 31, 32	4921 36	171 27
8191 31	8851 31, 34, 36	8995 33	9034 34	4021 30	223 28
8240 25	8910 30, 31	8997 33	9035 34		1228 25-28
8402 31	8977 31, 32	8999 28	9036 34		5375 26
8419 28, 31	8978 31	9000 35	9037 34		5496 31
8420 31, 34, 36	8979 31	9003 35	9039 32	Н	5498 27
8423 31	8980 33	9004 35	9048 34	132 31	6084 35
8429 31	8981 31	9005 30, 31, 33	9058 34	192 27	
8504 31	8982 31, 32	9006 28	9070 33	3721 26	
8532 27	8983 30, 31, 33	9008 34	9071 33	4438 35	
8599 31	8984 32	900934	9090 36	5275 26	MISC.
8614 35	8985 31	9010 34	9091 36	6567 30, 31, 34	Q-1573 31
8617 31	8986 30	9011 33	9092 36	6825 34	39-0001-01 36







ATLANTA 13 300 Luckie Street, N. W.

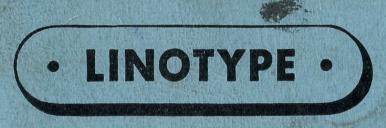
BOSTON 16 Suite 844, Park Square Building

CHICAGO 5 531 Plymouth Court

CLEVELAND 14 2536 St. Clair Avenue

1304 Dragon Street

DALLAS 7



MERGENTHALER LINOTYPE COMPANY

29 Ryerson Street, Brooklyn 5, New York

LOS ANGELES 15

1212 Albany Street

NEW YORK

29 Ryerson St., Brooklyn 5

SAN FRANCISCO 3

155 Twelfth Street

Canadian Linotype, Limited

TORONTO 2B

675 King Street, West

LEADERSHIP THROUGH RESEARCH

Printed in U.S. A. 741.58-D-WW-4X